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AGGIE LIFE.

VOL. I.

AMHERST, MASS., OCTOBER 1, 1890.

No. 1

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THE PROGRESS OF THE COLLEGE.

Twenty-eight years have passed away since the original bill, having in view the establishment of Agricultural Colleges, in the various states of the Union; received the approval of the President. Since that time great advances have been made in agricultural education. Each of the older states has some institution meeting the requirements of the Land Grant Act, and in many of them Agricultural Colleges are maintained on an independent basis. From small and imperfect beginnings these institutions have risen to their present high state of efficiency. Public sentiment has gradually awakened to the need of just such colleges, for the education of our young men, and the appropriations for their support have been constantly growing more generous. The movement of agricultural education has always been forward. Although it may have seemed at times to stand still, it has, nevertheless, soon started forward again with renewed energy.

But let us turn from the consideration of the progress of Agricultural Colleges in general to that of our own college. The M. A. C. has always stood among the first of agricultural institutions. It has been singularly fortunate in securing the best instructors, and has been favored from the start with an almost unbroken succession of men eminently fitted for the duties which they have been called upon to discharge. Add to this a series of generous Legislatures, and we have the conditions best united to progress.

When an alumnus of one of our first classes returns to college, after years of absence, he hardly knows the place. Every thing seems changed for the better, and his exclamations of delight and astonishment come thick and fast. New buildings have risen in the place of old ones, and those still remaining have been so changed and improved as to be scarcely recognizable. New conveniences for study and experiment have been furnished; the course of study has been improved; and he sees on every hand evidences that the spirit of progress has been actively at work.

If the members of the Senior class will look back over the three years which have passed since they entered college, in the

fall of '87, they too may see that great changes have come about. Indeed we do not think that there have ever been, since the foundation of the college, three years of such steady and rapid progress as these have been.

The course of study has been greatly altered for the better. Some studies have been dropped; the time devoted to some has been reduced; and others of greater practical importance have been substituted. Within the past year two new Professorships have been established. The chair of Veterinary Science is filled by James B. Paige, a graduate of this college and also of the Montreal Veterinary College. The instruction in this department consists of a series of lectures, extending throughout the Senior year, on all the more important portions of Veterinary science. The aim is not to make the students veterinary practitioners, but to teach them how to house and care for their animals, and how to diagnose and treat some of the simpler diseases to which domestic animals are subject. Whatever calling we may pursue there will come a time in the lives of all of us when the knowledge thus acquired will be of the greatest value. The establishment of this chair is a step in the right direction and one which will call forth the hearty commendation of all friends of the college.

Prof. Mills, formerly principal of Graylock Academy, now fills the Professorship in the English department. He has charge of the work of the three lower classes in declamation and composition, which was formerly divided among several Professors. The superiority of this arrangement is obvious, and its beneficial effects have been very apparent during the past year. Prof. Mills also instructs the Freshman class in Latin, thus relieving President Goode of a portion of his arduous duties.

Laboratory work in botany and zoölogy, is another recent feature of the course. The need of such instruction has been felt for some time, but it has only recently been found practicable to give it. No matter how good a theoretical knowledge a man may have of a subject, he cannot be said to understand that subject unless he also has a practical knowledge of it, and this is just what laboratory work gives.

During the past three years a number of buildings have been erected on various parts of the college grounds, and the old ones have all been thoroughly repaired. The equipment of the scientific department is constantly being improved, and they are at present in a high state of efficiency.

In view of the generous appropriation recently made by the U. S. government, in favor of Agricultural Colleges, we may fairly look forward to a long period of increased activity and usefulness. In fact, the prospects of the college were never better. With a good Faculty; generous support from the public; and a good class of students, it would indeed be strange if we did not succeed. Under such circumstances there is certainly nothing to prevent us from maintaining the high rank among Agricultural Colleges which we have always held.

SPORTS.

Thus far this year the tide of popular opinion in Aggie has taken a more favorable turn in regard to sports than it did last fall. The foot-ball men having begun training in good season, we hope to have a team that will be able to compete successfully with colleges of acknowledged standing in the athletic world. The way in which the students as a whole have met the subscription list is decidedly satisfactory. If now the men who come out on the campus in the latter part of the afternoon and pass and kick the ball would come out an hour earlier and place themselves at the disposal of the captains they would get far better exercise, as well as tend to materially raise the standard of the team. As for the team themselves, abstinence at table, early hours and constant practice are prime essentials to strength, length of wind, and hardy endurance.

Our base-ball record of last spring was nothing to be ashamed of. We won six games out of ten, and feel confident that we should have won a seventh if our opponents had confined their efforts to playing ball and had not attempted an amateur concert.

As for general athletics we have never done much in this line, but this year the men who were most desirous of having a field-day were elected to offices on the Athletic Board, and it is hoped that the college will witness an out-door athletic meet in the spring. There are men in college whose base running sometimes surprises other teams, so the hundred yards dash is

likely to be well contested. If the fellows will only practice in the Gym. regularly during the winter their showing will be more creditable in the spring, and we do not believe that lessons need suffer one whit on account of it.

A very pleasing fact to all of us is the different ground the Faculty have taken this year, as compared with last, in regard to foot-ball. Then they refused to give the team any financial or moral support, although they did not forbid the game, but this year the foot-ball treasurer has received several encouraging subscriptions from the Faculty. Let us hope that this change of aspect will lead to a clearer understanding and more sympathy between students and Faculty.

THE SUBSCRIPTION FIENDS, OR AN AGGIE STUDENT'S DREAM.

One night not long ago, as I was meditating upon the infinitesimal minuteness of zero, and the awful magnitude of infinity, I fell asleep and dreamed.

Aid in my dream I saw a great number of young men coming towards me, bearing parchments in their hands and having their faces wreathed in the most heavenly smiles.

As I stood gazing at their beautiful countenances one of them out-stripped the others and approached me. With a most gracious bow he introduced himself as the representative of a tribe called "Foot-ball," and quickly began to converse upon the weather and to compliment me upon my personal appearance and my beautiful surroundings in such a manner that I became greatly fascinated with him.

And as we talked he told me of the wonders of his craft, and how in a war with a tribe of savages called Willistons, his clan had come out victorious.

And he told me how, in order to maintain the supremacy which they had gained, and moreover to accomplish other victories, they needed the aid of such fine men as I.

And as we talked he unrolled the parchment which he carried, and in a trice I had placed my name upon it, under his fascinating gaze.

And in my dream I then saw him inscribe a sign after my name resembling this (\$3.50) the meaning of which I did not then understand. And behold, as I looked he had vanished.

While I was pondering this in my mind, a second young man advanced after the manner of the first, saying his name was Class Tax, and he had been sent by the

ruler of his province to get aid.

And he told me how they had won many mighty wars, (tug of war), and how their wise men had written many sheets of parchment, and that because of all these achievements, they had been unable to meet their creditors who demanded satisfaction.

After the manner of the first he unrolled his parchment and again I wrote my name, and again my visitor had vanished.

In this way came and went the assembly of young men, each pleading his own cause with a deftness and a subtle power that was irresistible to me. At last I awoke.

Again I fell asleep and dreamed. And in my dream I saw a great number of hideous looking beings, armed with spears and ropes and tweezers. Upon looking closer I perceived that they were the same men whom I saw in my first dream, and that they still bore the parchments, but I marvelled much at their changed appearance.

And, as in my first dream, one of their number came towards me holding out his parchment, and demanded gruffly his pay.

At length I made out that he wanted money, and with a heavy heart I gave him half of what I had. With a gruff farewell he departed.

Immediately a second approached and demanded his portion. I reluctantly gave him nearly all I had left, but he with an oath sprang at me with his tweezers and proceeded to extricate from my unwilling grasp all that remained.

He then left me and a third approached. With many brandishes of his spear he sought his due. I tried to tell him I had nothing for him, but to no purpose. I entreated him; he fell upon me and bound me with his rope and searched me over and over. When he found his search useless, he gave me a parting cut and went back to his comrades, who seemed disinclined to molest me.

I lay for a long time nearly dead, fearing every moment the return of some of the fiends.

At last I summoned all my strength in an endeavor to break my bands, and in the effort,—awoke.

And behold all this also was but a dream. Moral. Beware of the smooth tongued flatterers who solicit your aid, for they will turn again to rend you.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

It is not without a slight touch of pride that we speak of the Y. M. C. A. as an

association which is holding well its place and one that has taken as great a step in the general advancement and improvement of the college this year, as any connected with it. Since its organization in 1886, from the old College Christian Union, there has been a steady growth both in numbers and the amount of work undertaken.

We now have in the three upper classes nineteen active members and twenty-one associate members, and from statistics taken by the membership committee we learn there are nearly one-third of the Freshmen eligible to active membership.

The regular prayer meetings held Sunday afternoons at 4-45 and on Thursday evenings at 7 o'clock have been thus far well attended, still we are looking for an increased attendance as soon as college settles down to its regular work.

The Bible-class under the leadership of Prof. Mills is exceedingly interesting, instructive, and very well attended. We wish that all the students who read this short article would come and see for themselves: one visit; we are sure would lead them to come again. It is now held at 9-15 in the morning instead of directly after services as formerly. There are two very enthusiastic Bible-training classes, of about fifteen members each, which meet weekly, one at No. 5 N. C., the other at No. 15 S. C. They are now taking up a course in practical personal work as designed by C. K. Ober and J. R. Mott. Their motive is to fit themselves better for aggressive christian work.

The interest started last spring by R. E. Speer of Princeton in the Student Volunteer Movement and Foreign Missions has been well kept up this fall. We are now aiding a native student in a theological seminary in Japan. As this is a new departure for us much interest is manifested in the result. Desiring to put the money raised where the contributors could hear from it, we chose this form with the understanding that the man helped shall write to the association so that its members will have a personal interest which they could not have if their money was sent with other sums to carry out some large project requiring thousands of dollars. At the beginning of the term the Association issued a neat little hand-book.

E. C. Howard, a graduate of Wesleyan Academy has entered '93 this term. He will be a strong addition to both foot-ball and base-ball teams.

IN MEMORIAM.

*In Memory of our Classmate,
DAVID PIERCE HARVEY,
Who died September 26, 1890.*

Whereas,—It has pleased God in His infinite wisdom to remove from our midst our beloved friend and classmate David P. Harvey, and

Whereas,—We recognize in him one who, as a student, was esteemed and respected by all. His buoyant spirit and cheerful countenance ever commanded our admiration. Therefore be it

Resolved,—That we mourn his loss, and that we extend our heartfelt sympathy to his bereaved parents in their affliction; and be it further

Resolved,—That a copy of these resolutions be sent to his parents and also be published in AGGIE LIFE.

W. S. PEMBER, }
J. BAKER, } *Committee.*
B. SEDGWICK, }

Whereas,—it has pleased our all-wise Father to remove from our earthly sight our friend and brother, David Pierce Harvey, beloved by us all, we bow and submit. But be it

Resolved,—that his helpful word and cheering smile will ever be remembered in the fraternity that he loved; and be it further

Resolved,—that we the Pi chapter of the Phi Sigma Kappa Fraternity do extend a sympathizing hand to the bereaved parents, mourning with them in their grief; and be it further

Resolved,—that a copy of these resolutions be sent to the parents of the deceased, a copy placed on the fraternity records and also published in the college publication.

ALDICE G. EAMES, }
GEO. B. WILLARD, } *Committee*
L. W. SMITH, } *for the Society.*

Youth and the opening rose
May look like things too glorious for decay,
And smile at thee—but thou art not of those
That wait the ripened bloom to seize their prey.
Leaves have their time to fall,
And flowers to wither at the north wind's breath,
And stars to set—but all,
Thou hast all seasons for thine own, O Death!

THE OBSERVING MAN.

The habit of exactness in observation is slowly acquired, and has been manifested in the highest degree in but few instances. The observing man, however, has in all ages been the most useful to mankind.

Whether his forte was in literature, art or science, he found something to perceive and therefore had something to give.

The observing man of to-day sees more than those things pertaining simply to his occupation. Though extremely attentive in that direction, his observation is extensive; he sees other lines of work and is conscious that they exist.

If he should confine his observation simply to his own calling, social life would become a burden to him and his conversation but a review of his business. The man who sees as he goes through life always has a ready tongue and an interesting subject for conversation. He carries with him a whole company, entertaining all by his happy observations.

There is a wide difference in the power of observation in different persons. One man in going through a city once sees more than another in going over the same route a dozen times. Some persons in travelling over the same road daily see something new each time; the observing powers are strengthened. Others having traveled the road once think they have seen all and do not keep the observing powers active, therefore they are weakened and become more and more dormant.

In whatever business a man engages, his services will be valuable in proportion to the extent of his observation. The man who can see what ought to be done and does it without being told, is much more valuable than the willing man who has to be directed in all his work. The observing business man is never idle; he always has something to do. His conversation is weighty and interesting, carrying with it conviction.

To the young man just taking up a scientific course of study, no one thing can be more useful than a habit of keen observation. If he learns to observe accurately, he will be able to see more plainly the relations which give rise to the laws of science. He will see reason in everything. He will be on the alert for new objects and see new points in old ones. He will learn to make himself useful to others through his powers of observation. His mind will be filled with objects for reflection, and the thought of being useful will make him happy.

The M. A. C. boarding club has enlarged its membership from forty-two to sixty and still has more applicants than it can accommodate. The other boarding houses are full to overflowing.

AGGIE LIFE.

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As AGGIE LIFE appears for the first time, we would make a low bow and assure our readers that we shall follow our customary policy, but unfortunately our predecessors left us no policy, not even a second hand insurance policy, therefore we must take our own risk, and state that AGGIE LIFE aims to represent the college impartially and advance its best interests. To accomplish this, we shall record all matters of general interest concerning the college and the Alumni, and will endeavor to keep up a lively interest in all forms of literary work.

As this sheet comes into the hands of its readers, they may ask the question, "what is the need of so many papers? they tell us little that is new and they certainly are not profitable, while the literary merit of the paper does not rank above the average." The answer is this; that as the college grows and expands, things that first appeared as impossible, became practical, and finally are necessary. Other colleges have their weeklies and even dailies and find them necessary. Our college has long wanted a paper; it became a need years ago and was demanded this fall. Your attention is invited to this paper as a result of this demand.

As a college paper AGGIE LIFE must represent the college fairly; to attain this end, the students must be loyal to their paper, and support it, as they have started it, liberally. Not only must the paper have moral support, but the subscription list must be extended, and besides this every one of the one-hundred and twenty editors. (or the whole college) must do his part in a literary way. True it is, that seven men have been appointed from the one-hundred and twenty to serve as an Editorial Board, but the fact still remains that the paper is published by the college, therefore, the college must support it and

make it a paper well worthy of M. A. C.

THE college now has an excellent way to express itself every two weeks. There is room enough in this paper for all to air their opinions; if not we will make room, but we do not purpose to waste room. This paper cannot afford to publish long, diffuse articles simply to fill up, but it can and will publish all obtainable articles that are pointed, lively and full of interest. The production of such articles requires thought and study before writing; it is comparatively easy for a writer to have, what he thinks, is an inspiration, but the test is, will his reader agree with him. This paper wants articles the inspiration of which is apparent to the reader as well as to the writer. Articles must be handed to the Editor-in-Chief one week before that issue of the paper, in which insertion is desired.

As AGGIE LIFE comes into the hands of each graduate, we ask you to review the old college days, when you worked so hard in foot-ball and base-ball to keep up the college honor. You remember talking over the needs and possibilities of Aggie and how you used to prophesy of the future in store for her. Among other things that demanded your attention at such times was the need there was of a paper; at that time it was hardly advisable to undertake any such project, but now we have responded to the call and started this paper. The college started it well and now gives it hearty support, but for continual success we must enlarge our field of work and look to the Alumni for similar support. Every Alumnus is expected to subscribe and not to stop there, but to be ever ready to help by furnishing suggestions, news and other articles of interest.

THE Board of Editors owe the college a debt of gratitude for the hearty support we have received in starting this paper, and we hope to make it worthy of the college and prove ourselves worthy of the trust imposed upon us. To our advertisers and friends we would extend our sincere thanks for their liberality, which has so materially aided us in our undertaking, and as editors we feel bound to make the paper as great a success as lies within our power.

Just here a few words in regard to the care of the Gymnasium may not be out of

place. It is your own property and you should, one and all, resent any damage done to the apparatus in a spirit of mischief. Do not pile fifteen or twenty pounds of weights on the smaller chest weights; the larger machines are for those who wish to test their lifting capacity. In a word, use all things properly and report promptly any damage done to the treasurer of the Athletic Board, that it may be remedied as soon as feasible.

To all our friends and Alumni we send this first issue of AGGIE LIFE as a sample copy. We expect all to subscribe at once.

THERE have been the usual number of rushes so far this term, with the usual results. Both classes claim the victory, the upper classes, of course, side with their protégés, and the impartial spectator is very apt to consider them as drawn contests. The most decisive one thus far, occurred when the Freshmen took away the rope, with which a dozen Sophomores were practicing for the rope-pull. This could not, however, be considered as a fair test of the relative strength of the two classes, as it was a case of the greater part of one class being pitted against a very small portion of another. These rushes are in no way decisive, and it would benefit all concerned if they were dropped.

ORDERS have been issued by Lieut. Cornish, changing the military uniform from gray to blue with white trimmings. This change gives us a neater and a more handsome uniform than the old one, which very much resembles the uniform worn by inmates of the various Reform Schools. Not only will it look better, but instead of the blouse there will be the regular army coat, which is easier to drill in and besides this it does away with the expensive dress coat that was hardly ever worn and was always in the way. This change will come rather hard on the upper classes, especially the Seniors, who are obliged to purchase new uniforms, which they can wear only two terms. But all changes result in loss to some one, though it seems hard now, we have, at least, the satisfaction of knowing that the battalion will never look better than it will in the coming two terms, when all will be in new uniform.

P-g-e, in Agriculture, who has a blank half page in his note book, he wants to fill, asks for some general remarks, to fill up.

GLEANINGS.

J. B. Brine is making the new uniforms.

Sept. 18 Farm Supt. Cooley began filling the two silos, which work was completed on the 24th.

New mortared and papered rooms, and additional bathing facilities are among the summer's improvements.

A. R. Streeter, '94, has begun the cobbler's business by which he expects to make his way through college. Boys, patronize him.

The Seniors start for West Point to-day. Pres. Goodell offers a prize of \$20 for the best written account of the trip. Lieut. Cornish to be judge.

The rope-pull we heard so much about has fallen through for the present. Ninety-four, it seems, backed down at the last moment, it is better to lose than to back out.

The Senior and Junior privates are having target practice. The highest score being made by Graham, '92, 21 out of a possible 25. Lowest 00000. Sophs. light artillery. Freshmen have their guns.

Late on the evening of the 23d inst. a couple of worthies were espied by our "sprinter" in the vineyard. After being hotly pursued a short distance, they dropped their booty and fled to parts unknown.

Rev. C. H. Tindell of Portland, Me., supplied the M. A. C. pulpit last Sunday. His text being "If ye know this thing, happy are ye if ye do them." He dwelt on the doing as being a source of spontaneous happiness.

The interest in mission work is very good this year. The Y. M. C. A. has raised by subscription \$59.36, of which \$45.00 is already collected and forwarded to aid a poor theological student in Japan. The Y. M. C. A. expects to hear from the man occasionally.

About every Freshman was at the Y. M. C. A. reception held at Dr. Walker's house on Friday evening, Sept. 19th. After an hour of social conversation refreshments were served. The event was a success in the highest degree. It would be better if students and Faculty met oftener in a social way.

W. H. Ranney, '93, severed a vein in his wrist last Saturday morning, with a large knife, the cut bled very freely. Lieut. Cornish took him to Dr. Fish, running his horse all the way and thus exciting all the small boys. The patient is doing well,

and was neither shot or murdered as rumor reported.

David P. Harvey, '93, died at his home at Townsend Harbor, Sept. 26th. The funeral was held at 3-30 p. m., Sunday, the 28th, at the Cong'l church at Townsend Center, of which he was a member. Henderson, '93, delegated to represent his class, and Eames, '91, and L. W. Smith, '63, to represent his fraternity, attended the funeral, and with three of Harvey's friends in Townsend acted as pall-bearers.

The W. I. L. S. held its first meeting of the year last Friday night and elected the following officers: Pres., H. M. Howard, '91; Vice-Pres., H. M. Thomson, '92; Sec., A. E. Melendy, '93; Treas., W. H. Ranney, '93; 1st Director, M. Ruggles, '91; 2d Director, F. G. Stockbridge, '92; 3d Director, F. A. Smith, '93. Every man should attend these meetings and give them his heartiest support. The training received there is invaluable to any man. Therefore come prepared to speak on the question every time and thus benefit yourself and the society.

On Sept. 23d, Prof. Maynard took the Sophomore class on a botanizing trip to Sugar-loaf. They ascended the mountain, viewed the beautiful scenery for which this place is noted, and after an hour had been thus occupied they descended, some of them finding quite rare botanical gems. About 2 p. m. the boys started on their homeward journey, when the Professor showed his usual generosity by giving them all the watermelons and muskmelons they were capable of eating, which proved to be a large amount in most cases. About 4 p. m. they arrived at the college and after giving the class yell several times, and extending to Prof. Maynard a vote of thanks; they went to their rooms all agreeing that they had spent a most profitable and enjoyable day.

The prizes for the best fulfillment of the Sophomore experiments were awarded to the Senior class by Prof. Brooks, Sept. 29. The whole amount of the income from the plots was \$106.66, of which \$30 was set apart for three prizes, of \$15, \$10 and \$5, respectively. The first prize was awarded to Brown, the second to Field and the third to Felt; the residue, \$76.66, was to have been divided equally among the members of the class, but, according to a previous agreement of that body, the whole sum of \$106.66 is to be divided equally among the class to defray the expenses of the trip to West Point, minus \$3.83 apiece,—the share

due each man irrespective of prize-awards, to Belden, Phillips and Tuttle, who completed their experiments before leaving college.

By chance we secured a Freshman's letter home from which we publish a few extracts:

DEAR MOTHER:—We have to keep regular hours as we must have our lights out by nine o'clock. My clock stopped one night and the next thing I knew I heard the janitor yell "lights out." I blew mine out and went to bed in the dark. Now I go to bed about half-past eight. I am too sleepy to sit up and study.

The Sophomores are very rough, they won't let us carry canes and one day they stacked my room. I am going to keep in my room nights now, because the Sophs. say they will initiate me in the Owl Club and put me in the fountain.

Your son,

Dr. W-lk-r to W-ll-rd, who is examining the inside of his cap. Rhetoric and entomology don't go well together.

TRINITY 30—AGGIE 0.

The first game of the season has been played and lost. Still we need not be discouraged on this account for the whole story of the game is summed up in the words "beef did it." Our boys worked hard and put up a strong game, but were obliged to succumb to the superior weight of their opponents. They tackled strongly but the rush line did not hold as it should, and the blocking of the backs was not of the first class-order. The Aggie men all played a clean, gentlemanly game throughout and though often receiving severe provocation did not descend into slugging. The fact that two Trinity men were disqualified, renders further comment upon their style of play unnecessary. We cannot, however, refrain from saying a word in regard to K. Hubbard. He fairly earned the unenviable reputation of being the most ungentlemanly player ever seen on our campus. Teams having games to play with Trinity will do well to keep an eye on him. The teams lined up as follows:

AGGIE: Howard '93, r. e.; Howard '91, r. t.; Graham, r. g.; Legate, c.; Ruggles, l. g.; Crane, l. t.; Carpenter, l. e.; Fletcher, quarterback; Hull, (Capt.) and Parker, half-backs; Star, full-back.

TRINITY: Morris, r. e.; L. Hubbard, r. t.; Hoisington, r. g.; Hartley, c.; Young, l. g.; K. Hubbard, l. t.; Allen, l. e.; Weeks, quarterback; Hull (Capt.) and Thurston, half-backs; Graves, full-back.

Allen disqualified, substituted by Woffen-

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AMHERST, MASS.

den; K. Hubbard disqualified, substituted by Strong. Referee, Hill of Trinity; Umpire, Willard of M. A. C.

Lack of space prevents us from giving a detailed account of the game, but the main features were as follows: In the first half. Trinity by bunt-rushes, interspersed with fine runs by Hall and Graves enabled Trinity to make three touch-downs from, off which, a goal was kicked. Trinity, 16; Aggie, 0. In the second half, they followed much the same line of play and two touch-downs with a goal resulting from each and a safety raised their score to 30. Aggie was again unable to score. For Aggie, Howard '93, and Carpenter tackled finely, while Hull did some good spurling. For Trinity, Hall, Graves and L. Hubbard did exceptionally fine work.

'94.

Although rumors were current through the summer that a large Freshman class might be expected this fall, nearly every one was surprised when sixty men presented themselves for instruction. Only once in the history of the college has so large a class entered, but we expect, in a few years, to see three and even five times that number enter.

The class taken as a whole is a mild in-offensive collection of youths of medium size and not altogether bad looking; of all ages from those easily able to support a full beard, down to those who ought not to be out of knee pants. Coming, as they do, from all over this section of the country, their paternal ancestors represent nearly every calling in life from that of college professors and presidents to the more humble, but perhaps not less worthy, occupation of tillers of the soil. The class as a whole will doubtless prove a valuable acquisition to the college. It may be a little early to predict what the standing of the class will be in athletics and sports, yet the indications are certainly auspicious. The class was certainly very fortunate in securing one of the relatives of the distinguished John L. Sullivan as captain, who will doubtless impart much valuable information in a pugilistic line. There seems to be considerable talent in the way of football and base-ball in the class, and we expect them to supply some good material for the college teams.

AGGIE LIFE would recommend to the class the various societies in college, all of them have their good points, but we would caution the Freshmen in regard to joining. Don't be in a hurry, be sure you know every



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man in the society, which you propose to join, and that they are the men with whom you wish to associate during life, and then, go ahead. The Washington Irving Literary Society should command the attention of every Freshman. The training that you may receive there is invaluable to any man.

The Y. M. C. A., while mentioned last, should stand first in your estimation; let every man resolve to give it his best efforts. Class of '94 we welcome you to Aggie. We are glad that you have selected this institution as a worthy place to fit for life's battle, and our advice is, first keep on the right side of the Faculty and secondly subscribe and write for AGGIE LIFE, and renown will be yours.

SELF-MASTERY.

Self-control is an essential preliminary to the mastery of one's fellows in any sphere of life. He who would control others must first control himself. The parent, the teacher, the employer, who attempts to govern those who are under him without fully governing himself is a failure from the start; and this is why there are so many children, scholars and servants who cannot be governed.

Every time the employer or teacher loses his self-control in the presence of those over whom he has been placed he loses control of them, and the pupils have less respect for the instructor. The student and the laborer have a right to expect that their instructors will practice what they preach.

For the captain to command the private to stand erect, to keep hands out of pockets and never while on drill to occupy any but a military position; and then let the private see the captain with blouse unbuttoned, hands in his pockets; destroys his entire influence over that private. We are told to put ourselves in their place, this we do and we cannot justify any teacher or employer in losing their temper in the presence of those over whom they have control.

Y. M. C. A.

PRAYER MEETINGS.

- Oct. 2 The Christians' Home. John 14: 1-4, Luke 12: 33. W. H. Ranney.
Oct. 5. Fishers of Men. Luke 5: 1-11. F. H. Henderson.
Oct. 9. Seeking Wisdom. Prov. 2: 1-9; 3: 13-20. G. E. Taylor.
Oct. 12. Abounding in Love. Phil. 1: 9-10 I. Thes. 3: 12. H. M. Howard.

MAILS.

Mail leaves college for P. O. at 1 P. M. and 7 P. M. on week days. On Sunday it leaves at 4:45 P. M. At the P. O. mails close as follows:

Boston,

7-45, 8-30, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.
New York, Western and Southern States,

7-45, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.
Northampton, Springfield and Western

Massachusetts,

7-20, 10-15, 10-45 A. M.; 6-45 P. M.

Northern way, N. L. Northern,

8-30 A. M.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 3 to 4 P. M. each afternoon excepting Saturday and Sunday.

The college library will be open from 2 to 4 P. M. and from 7 to 8 P. M. each day excepting Saturday and Sunday. On Saturday it will be open from 9 to 12 A. M. and from 2 to 4 P. M., and on Sunday from 2 to 3 P. M.

President Goodell will be at his office from 2 to 4 P. M. every afternoon except Saturday and Sunday.

ALUMNI NOTES.

E. D. Allen, '85, Experiment Station, Washington, D. C.

W. H. Allen, '86, Burnside, Conn.

W. H. Bishop, '82, Prof. of Agriculture, Tougaloo, Miss.

G. H. Barker, M. D., '85, Surgeon on "Pensecola" of the South American Squadron, ordered to Brazil.

David Barry, '90, Thomson-Houston Electric Co., Lynn, Mass.

W. E. Chase, '87, 1070 1-2 2nd St., Portland, Oregon; Contractor and builder.

F. S. Cooley, '88, Farm Superintendent, Amherst, Mass.

F. C. Eldred, '73, Farmer, Sandwich, Mass.

C. F. W. Felt, '86, Maintenance Eng. of G. C. & Sante Fe R. R., Oleburne, Tex.

David Goodale, '82, Sugar Planter, Papeaikon, Hawaiian Islands.

G. E. Newman, '88, Helena, Montana, Agent for J. K. Spaulding & Co.

M. N. North, '88, Entering Am. Vet. College, N. Y.

C. S. Plumb, '82, Vice Director of the Agricultural Experiment Station, Lafayette, Ind.

C. H. Preston, '83, Farmer, Asylum Station, Mass.

H. B. Simpson, '73, Clerk in Treasury, Washington, D. C.

H. E. Stockbridge, '78, President of the Agricultural College and Director of the Experiment Station, Fargo, North Dakota.

Henry Wells, '72, manager of the Washington Hydraulic Press Brick Co., Kellogg Building, Washington, D. C.

F. O. Williams, '90, Assistant Agriculturist at Hatch Experiment Station, Amherst, Mass.

C. A. Whitney, '89, gardener for D. B. Wesson, Northboro, Mass.

MARRIAGES.

T. P. Felton, '90, married, June 24, '90, at Marlboro, Mass., to Miss Mary L. Whitcomb.

A. J. Hayward, '88, married July 10th, '90, at Ashby, to Mrs. Jennie S. Ashley.

NON GRADUATES.

G. A. Goddard, '90, trying to enter University of Denver.

G. Baldus, '92, trying to enter the Signal Service.

G. M. and C. Tyng are trying to enter Cornell.

ASSOCIATION OFFICERS.

The College Association Officers elected at the Mass Meeting Sept. 5, 1890, are as follows:—

READING ROOM ASSOCIATION.

Pres. E. P. Felt, '91.
Sec. and Treas. H. B. Emerson, '92.
1st Director H. M. Howard, '91.
2nd " F. G. Stockbridge, '92.
3d " F. H. Henderson, '93.
4th " A. J. Morse, '94.

FOOT-BALL ASSOCIATION.

Pres. J. B. Hull, '91.
Sec. and Treas. G. B. Willard, '92.
1st Director W. C. Paige, '91.
2nd " E. Rogers, '92.
3d " J. R. Perry, '93.
4th " F. I. Parker, '94.

BASE-BALL ASSOCIATION.

Pres. L. F. Horner, '91,
Sec. and Treas. H. E. Crane, '92.
1st Director W. C. Paige, '91.
2nd " G. B. Willard, '92.
3d " J. Baker, '93.
4th " Drowne, '94,

ATHLETIC ASSOCIATION.

Pres. J. B. Hull, '91.
Sec. and Treas. G. E. Taylor, '92.
1st Director A. G. Eames, '91.
2nd " E. Rogers, '92.
3d " J. R. Perry, '93.
4th " I. C. Green, '94.

TENNIS ASSOCIATION.

Pres. W. C. Paige, '91.
Sec. and Treas. F. G. Stockbridge, '92.
1st Director C. A. Magill, '91.
2nd " R. P. Lyman, '92.
3d " D. P. Harvey, '93.
4th " L. H. Bacon, '94.

E. B. DICKINSON, D. D. S.

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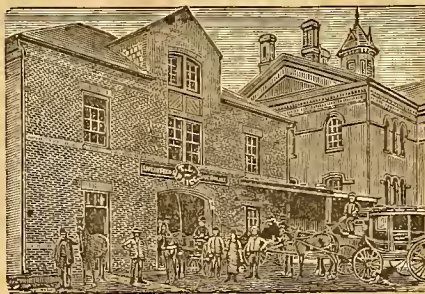
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Prof. C. H. Fernald
Amherst.

AGGIE LIFE



J. STURGIS, BOSTON.

Vol. 1

AGGIE LIFE.

VOL. I.

AMHERST, MASS., OCTOBER 15. 1890.

No. 2

WHERE DO YOU BUY YOUR

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THE ALUMNI AND THE COLLEGE.

The graduates of the Agricultural College are, as a rule, men devoted to the welfare of their *Alma Mater*.

As a rule, too, the college is proud of its alumni. This mutual feeling of regard and respect is fostered by the presence of some of the best of the older graduates on the Board of Trustees and in the College Faculty. This is as it should be. The tendency to put the control of our college into the hands of those best informed as to its needs and most interested in its development is a good one, and should receive encouragement at the hands of all concerned. Edward Bellamy professes to trace in government by alumni the germ of what will in the future prove to be the cornerstone of a new political dispensation. Consider his visionary idea prophetic or extravagant, as you will, the fact remains that those who have passed through all the hopes and disappointments, experiences adverse and otherwise, of undergraduates, and are now free from the prejudices and devoid of the ambition, or lack of it, of the latter, are the ones best suited to assume direction of the education of their juniors.

The comparative youth of the greater number of our graduates and the ineligibility for various reasons of many of the older ones has prevented, up to the present time, a majority representation of alumni on the Board of Trustees. Youth, however, cannot always be urged as an objection against the ex-Aggies, and their rapid geographical distribution throughout the state will soon prevent the offering of the old excuse of the necessity of equitable local apportionment of the office of trusteeship.

With such men as Wm. H. Bowker and Wm. Wheeler in the corporation, the graduates are well represented as to brains and enthusiasm. Where the majority rules, however, something more than brains and enthusiasm is needed. A further increase of the number of alumni Trustees on the Board is demanded.

With such men to choose from as P. M. Harwood, Elmer D. Howe, Wm. C. Parker and a score of others it cannot be difficult to select a few more representative graduates for the honors of trusteeship. Far be

it from the writer to disparage any of the non-graduate members of the corporation. It is patent to all that every one of them has the welfare of the institution at heart. The best evidence of their ability is to be found in the present prosperous condition of the college. Many of them are pioneers in the cause of agricultural education, and as such are worthy of our deepest respect and gratitude. As these men retire from active participation in affairs, what can be more logical than to fill their places with those whose training they have supervised, men whom they have pronounced worthy of receiving the diploma of the Massachusetts Agricultural College?

It is also fitting and proper that members of the Faculty should be, as far as possible, graduates of the college. Professors Maynard, Warner, Wellington, Brooks and Paige are all alumni. Pres. Goodell and Dr. Goessmann have been identified with the college since its organization and are better known to the whole body of graduates than any alumnus can be. Other members of the Faculty are skillful teachers of their special branches, and a criticism based on non-graduation would have no weight in their cases. But as vacancies occur in the Faculty let them be filled by Aggie graduates. It is to be supposed that under the new appropriation from the national government additional instruction will be provided in some departments. Those in authority cannot pay a more graceful compliment to the college, or better establish the sincerity of their faith in their own works than by permitting Aggie graduates to train Aggie undergraduates, whether as members of the corporations or of the Faculty.

The things just out of reach seem always fairer
Than any thing to-day can have and hold;
To-morrow's sunshine will be brighter, rarer—
And so we miss the present hour's gold.
To-day is lost in dreaming of To-morrow;
And when to-morrow comes the heart will lay
Plans for the future, thinking o'er in sorrow,
The squandered blessings of the yesterday.

A COUPLET REGARDING A COUPLET.

The perfect bliss of a birch canoe
Lies in the fact there's but room for two.

—New York Herald.

THE BOTANIC MUSEUM.

Among the first buildings erected when the college was founded was the Botanic Museum, built in the years '67 and '68. An extension was added to the north side of this two years ago making place for a laboratory for the study of structural botany, and two tool-rooms. One of the tool-rooms is still occupied by the horticultural department of the Hatch Experiment Station. The partition which separated the other tool-room from the laboratory has recently been removed making of the latter a very spacious and well lighted room. Glass cases for the microscopes and other instruments are arranged along two sides of the room, and a developing closet for the photographer will occupy the northwest corner of the Hatch room. In addition to the table extending around the north and west sides of the room, there will be several small tables of such size as to accommodate two students each.

The new steam apparatus for heating all the rooms of the building is found to be a decided improvement over the hot air furnace formerly used.

The Botanical recitation room has not been omitted in the general renovation during the past summer. The unusual size of the Freshman class made more seats a necessity, and another row has been supplied from the room above. The microscope case has been removed from the southeast corner of the room and the three cases of botanical diagrams so placed as to be convenient for reference and illustration. These diagrams are of especial interest, as they were drawn by Professor Maynard himself, while a student in this institution; the figures were copied from various authors under the direction of President Clark with a view to obtaining representatives of all the typical forms of inflorescence, stem, and leaf structure. Every family is represented by illustrations of their structural characteristics as well as of the flower and its separate parts. There are about 3000 drawings in all.

Passing now to the upper floor of the Museum or the Museum proper, the principal object of interest is the Knowlton Herbarium. Here we have a collection of about 10,000 dried plants, principally natives of North America, but including also numerous interesting specimens from the Old World. The herbarium was collected by Mr. W. W. Denslow of New York and purchased for the college about twenty years since, by William Knowlton, Esq. of Upton, Mass. It is very interesting to

look over a large collection of plants like this, as there is such an endless variety of forms.

Besides the Denslow collection, there are several beautiful collections of cryptogamous plants. A part of the herbarium case has been furnished with drawers for the mosses, lichens and fungi, which are mounted on small cards.

The chairs and desks in the Museum are soon to give place to two show cases where the fruit models and other objects of interest can be neatly arranged. A very curious and interesting collection of woods adorns the walls of the Museum. There are about fifty specimens collected from the Himalaya Mountains. They are cross-sections, taken from logs of various sizes, one surface of which is polished and waxed so as to exhibit the color and structure of the bark, the sap and the heart-wood. Each specimen is bound with iron to preserve it from injury from splitting and also as a means of hanging them on the wall.

There is also a large collection of native woods nicely prepared and grouped in cases on either side of the room. This collection was obtained from various sources, but the greater part was received from the Government. After the Centennial in '76, the collection of woods there exhibited by the United States Government was distributed among the State institutions; hence the excellence of our collection.

On the south side of the Museum are two cases; the lower one contains a collection of seeds in bottles; the upper one exhibits a variety of plaster of Paris models of the common vegetables, including a model of the wonderful squash that lifted 4500 lbs. by its expansive force. This remarkable incident took place in the north propagating pit. The apparatus used as a lifting machine for the squash consisted of a frame which supported the squash while on top was placed a harness of iron straps so arranged that when the squash increased in size, an iron knife-edge or fulcrum would be forced up against a large lever one end of which was made fast, and the long end weighted with anvils, pails of putty, ore, old iron. By means of the weights placed at certain distances from the knife-edge on which the upward pressure of the squash was exerted, its expansive force was measured. An interesting and detailed account of the test accompanied by illustrations may be found in the twelfth annual report of the college. The lever that was used may be seen standing in a corner of the Museum.

In the large glass case in the southwest corner of this room is placed for reference a system of United States weights and measures.

It is earnestly hoped that the good work thus begun in the improvement of our botanical collections will go on in other lines that we may have ere long a classified arrangement of our mineralogical collections now so scattered.

PALMISTRY.

A darling little soft, white hand,
Rose palmed and sweet to kiss;
No sculptor ever carved from stone
A fairer hand than this.

Upon my eyelids it would rest,
Or o'er my forehead pass,
Softer than ever rose leaves fell
Upon the waving grass.

No other hand unto my heart
Could greater solace bring
Unless, mayhap it chanced to be
Four aces and a king.

—F. H. CURTISS, in *Life*.

ANOTHER VALUABLE ADDITION TO THE METEOROLOGICAL DE- PARTMENT.

The Meteorological Department of the Hatch Experiment Station of Amherst has recently received a valuable addition to its list of equipments, in the form of a Thomson's Electrograph. This instrument is designed for measuring the electrical potential of the atmosphere. It was ordered by Prof. Warner, of the Elliot Brothers, London, about a year ago, since which time it has been in the process of manufacture.

The Electrograph consists of a Thomson's Quadrant electrometer, registering apparatus and water-dripping apparatus. The water-dripping apparatus, which will be placed at the top of the tower, consists of a strong cylindrical tank of zinc, two feet in diameter and eighteen inches deep; at the bottom of this is a spout five feet long terminating in a fine point. The tank stands upon three glass columns, thus being well insulated. Water is kept constantly in the tank and allowed to run out in drops from the spout. The electricity collected from the air by the water is carried by a fine wire to the electrometer below. This Thomson's Electrometer is the most complicated electro-metric instrument ever invented, and a detailed description of it in this limited space would be impossible; it will suffice to say however that it contains four quadrant magnets, to which the wire from the tank

is connected. In connection with them is a magnetic needle hung in such a manner that variations of the amount of electricity imparted to the quadrants by the wire from above cause it to deflect. Attached to the upper part of this needle is a mirror the use of which will be seen by the description of the registering apparatus.

This latter apparatus is enclosed in a mahogany case and consists of a powerful clock, with weight, second pendulum, dial, etc., which runs a cylinder upon which is stretched sensitized photographic paper.

Near one side of the box is a gas burner with an opaque chimney, in one side of which is a circular opening. The light from this burner is thrown by means of prisms on to the mirror of the needle in the electrometer. The mirror reflects this pencil of light to the sensitized paper upon the cylinder which is revolving at the rate of one revolution in thirty hours. The position of the mirror and consequently of the needle is thus constantly photographed and the deflection measured by means of a scale. A shutter suitably geared from the clock intercepts for four minutes every alternate hour the passage of the light, the gaps marking a time scale on the paper. During the same time the quadrants are put to earth, this being necessary as the Electrometer, after a certain time becomes overcharged with electricity.

This Thomson's Electrograph is an exceedingly delicate and complicated instrument and cost the Station about \$600.00.

There have been 168 of these electrometers manufactured by Elliot Brothers, most of them being used in institutions of learning. But this is probably the only complete Electrograph in this country; and there are but few in the world.

The Observatory at Greenwich has one exactly like the one here, and there is also one similar in construction at the Ken Observatory near London.

The Mass. Hatch Experiment Station was established in January 1889, with the following role of instruments: Sun thermometer, force of wind instrument, anemometer, menroscope, Pluviometer, and barometer. Some time after, a thermograph and a wet and dry bulb thermometer were added. All these instruments are self-registering.

The addition of the electrograph this year, makes the observatory one of the best in this country, and when the self-registering rain and snow gauge, and the pluvimeter, which are now in process of construction at New York, arrive we can safely say it will be *the best* in the country.

AQUATICS.

A long felt want of the college has been a pond of water near the college buildings, a place where the students might indulge in the most delightful of water sports,—skating. In order to gratify a desire for this pastime students have been obliged, in former years, to go either to Factory Hollow or East Street, each nearly two miles distant. The inconvenience of this will at once be apparent to all. Most of the students, feeling that they could not spare the time for so long a walk, have denied themselves the privilege, and have thus been deprived of the exhilarating exercise that skating affords and which all need so much.

Last winter, however, the demand became such that the students, under the guidance of Prof. Maynard, constructed a temporary dam at the bridge on the path leading from North College to the Botanic Museum. This caused the overflow of a strip of land south of the path, which, though still inadequate, furnished facilities for skating far superior to those of former years.

But as previously stated this dam was only a temporary structure, and last spring it was torn down. Partial promises have frequently been made that a more extensive lake should be formed, by using the road which crosses the upper end of the ravine as a dam, which can be done at a very moderate expense. Indeed, the land has already been surveyed and staked, showing the surface over which the water will flow.

And now we are sure that it is the desire of the whole college that this matter should not be deferred any longer, but the dam should be constructed this fall, so that the lake will have time to fill up before cold weather.

Aside from the value of the proposed lake as a place of recreation, it would add very materially to the beauty of the landscape. It would also supply the college with ice, while now the college teams are obliged to draw all their ice from North Amherst. And the land overflowed could not be put to better use, as there is plenty more for agricultural purposes.

The great high road of human welfare lies along the old highway of steadfast well doing, and they who are the most persistent and work in the truest spirit will invariably be the most successful. Success treads on the heels of every right effort.—*Smiles.*

A TRUE STORY OF PRIDE AND ITS FALL.

An American student about to matriculate at the University of Göttingen, presented his letters of introduction to the Professor whose duty it is to register newcomers. Before reading the credentials the Professor asked him at what American University he had graduated.

"I am, sir, a graduate of Yale University."

"Yale, Yale," said the German, "never heard of it!"

"Is it possible! Why, Yale is the best known college in America!"

"So! Is it anywhere near Amherst? I have known many bright men from the College of Agriculture at Amherst, but never before heard of Yale!"

AN OUTING.

At 5.19 P. M. on Oct. 1st, '91 started for N. Y. All reached New Haven after a time, and spent the evening there very pleasantly, some at the theatre, others looking around, while a few tried to find our old classmate W. H. Pond at Yale, but were unsuccessful.

At 1 A. M. we all started on the C. H. Northam for N. Y. arriving at 6 A. M. After looking around a little we started for West Point at 9 A. M. arriving there at 11.50 A. M. The trip up the Hudson, on the elegant steamer New York, is beyond description by this pen. The majority of the class took the same boat back the next day at 2.50 P. M. for N. Y. Here they spent their time very pleasantly at the different places of interest in N. Y. and returned Saturday afternoon to Amherst by train. Four of the class took the steamer Albany for Albany, at West Point, and completed that superb trip up the Hudson to Albany, arriving there at 6 P. M.

On the trip up, the Poughkeepsie Bridge and Vassar college attracted particular attention, especially the latter.

The evening was spent in Albany and the next morning, they left for Troy, and from there went to North Adams, where they stopped over to see some very fine cascades, and then started through the tunnel home by way of Northampton where they met the majority of the class who had returned through N. Y. All agree that the trip was a success and we heartily recommend any such trip to our college mates. We hope to publish the prize essay later.

AGGIE LIFE.

Published Fortnightly by the Students of the
Mass. Agricultural College.

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EVERY few years there has been some addition made to our concrete walks. The college is now connected with town by concrete; the next place that demands attention is the walk from North college to the M. A. C. Boarding House. Sixty men or almost half the entire college, pass over there and back three times daily. There is a piece of concrete walk extending from the bridge nearly to Dr. Walker's house, but by some oversight, it was laid so low that the lower part is covered with gravel, while the remainder of the walk acts as a gutter whenever it rains. The rest of the way, where there is no walk at all, is capable, and does, produce plenty of mud on the slightest provocation. After this receives proper attention, all would be pleased to see a concrete walk from North College to the Botanic Museum.

THE Reading-Room is a place where much valuable time can be saved that would otherwise be wasted. Here the students have access to the leading daily papers, many of the best agricultural weeklies, besides the monthlies, the illustrated and other amusing papers. Now, if ten minutes a day will make a man master of a new language in two or three years, will not the same time spent in the Reading Room yield equally great results? If we also take into account the Library, we shall certainly conclude that now is the golden opportunity to acquire information. Few men after graduation will possess better facilities for reading than they now enjoy, almost free of cost. "Time is money." At present our extra time if spent in work is valued at 12 1-2 cents per hour; and it is fair to assume that later it will be worth more, therefore, all things considered, will it not pay best, to work less and learn more, while in college?

THE brightest spots in a man's college course are the trips made with his class, or

the college, to some place of interest. Such trips, while they take money and break into college duties somewhat, are, on the whole, profitable in more ways than one. A man may not have perfect lessons the day after he returns, but this is more than made up by the renewed vigor with which he settles down to work once more. And, of course, the trip brings new things to his notice, and he comes into closer sympathy with the world, which will so soon be his battle-field. These trips are a benefit to all, and it is for the various classes to determine whether they shall be kept up or not. Whenever such opportunities come to any class, work it up, go in and make it a success, don't allow a single man to remain at home, get started, and then see all you can. Under such conditions the Faculty will rarely veto any worthy trip.

WE find in an old Index an account of a Natural History Society. It might not be a bad plan to have one in college now. It ought to receive the hearty approval of the Faculty and would be a source of both instruction and recreation to the students. By charging each member a moderate initiation fee the society would be enabled to offer prizes for collections, which might aid Prof. Fernald materially in making up the college collections, and for scientific essays, which might be articles of real merit. Profs. Fernald and Maynard would probably be willing to allow the organization the use of their laboratories. And trips to the mountains in search of subjects for study would be a pleasant sort of recreation for non-athletic students.

AGAIN we call for contributions to AGGIE LIFE. We are here to stay, and propose to come out on time if we have to "crib" whole pages "straight" from Webster's Unabridged, but it will be far pleasanter to have well prepared articles from our fellow students on subjects in which they are interested. We wish to say just here that AGGIE LIFE is a college paper, and we try not to be affected by any class spirit. If any criticism is made upon any of the classes, it is made as by disinterested observers, and not in a partisan manner. If you do not like to be criticised, bear yourselves, one and all, so as to be above criticism.

WHY can't we have a Fall Field Day? In a few weeks the air will be just bracing

enough to make the fellows feel like work. If nothing is done this fall, we fear all interest will have died out when the drowsiness and lassitude of Spring are on us, but if we have an out door meeting of the Athletic Association this Fall each man will know what his weak and what his strong points are, and will know what to train for before the Spring meeting. If the Athletic Board will just raise some money to pay for prizes and apparatus, we will hope the Faculty will grant us some Friday for the contests.

WHAT electives do you have? This is one of the most common questions asked us by men of other colleges, and when we answer that we have no electives, they invariably express surprise. Almost every college course now includes a large number of elective studies. In many colleges, the last two years course is entirely elective and no particular study is required. For some time past there has been a growing feeling in favor of the introduction of electives. Many feel that they cannot afford to spend time on studies in which they have no interest. If a man wishes to make a speciality of any study, he naturally prefers to spend more time on that study than on others. As the course now stands, he is often unable to do this. If the last two years of the course had a number of electives, this difficulty would be largely obviated. Coming directly from the common schools as many of our students do, it would hardly be advisable to allow them to select their own studies, during the first part of their college life. But by the Junior year any man ought to have sufficiently good judgement to choose for himself. During the first two years his mind has been disciplined and his preferences as to those branches which he wishes to pursue, developed, so that he is able to make an intelligent choice. As this is an Agricultural College, it would certainly be advisable to require all the students to take agriculture; but with this exception all the Junior and Senior studies should be elective. The extra expense involved has been one reason, in years past, against the introduction of electives. The recent generous appropriation of the U. S. government has, however, helped us greatly in this matter. This certain and constantly increasing yearly income will do away with all the pecuniary difficulties which now stand in the way of the plan. We understand that there are several members of the Faculty who desire the introduction of electives, in order that

they may give more complete instruction in their departments to those students who desire it. This is an encouraging sign and it is probable that we will soon see a number of electives added to the course. It is our earnest hope that we may soon see electives introduced, which will enable us to receive more thorough and advanced instruction in Chemistry, Mathematics, Botany and the Languages. Such a step would put the college on a broader and more liberal basis, and would enable it to compete with other educational institutions on a very advantageous footing. Certain it is that the students and all the friends of the college would welcome the innovation, and it is our earnest hope soon to see this system in full operation.

THE EDUCATING POWER OF ATHLETICS.

A prominent English statesman, who was known to have perfect control over himself in parliament once said, "I first learned to control myself on the cricket field at Rugby." There is a certain class of people who consider foot-ball and other athletic games as designed only to amuse and break bones. Let these look at the other side of the question. When we think how, in foot-ball, the will power is necessarily exerted in keeping one's self in perfect control, a point recognized by every foot-ball player as essential to the success of his team; how the reasoning powers are brought into action and all the faculties concentrated on the point to be gained, the discipline to the will and mind is apparent. The same is the case with the game of base-ball. The mind of the player is ready to seize and take advantage of every failing of his opponent, thus teaching the mind to think quickly and correctly. Thus it is with all the different branches of athletics; while the body is being developed and the power of endurance increased, the intellect is at the same time receiving a training which when brought into play in the struggle of life will be invaluable to the possessor. Let athletics then be encouraged in all our colleges and institutions of learning that they may send forth men who will take their place in the race of life with well developed bodies, on which is a head that shall stand ready to serve its possessor in every emergency.

Read "Tea Tephi in Amity" in the Oct. number of *Harpers*. The picture of Amherst town and college life is very amusing.

GLEANINGS.

Game to play. Foot-ball.

Curtis, from Littleton, is a new addition to '94.

The farm hands have been busy haying rowen.

Edward Gregory, '90, made a brief visit to Amherst last week.

In the reading-room there will be more "light on the subject," as hanging lamps have been put in this fall.

Prof. Warner was absent on Monday, the 6th. His uncle in New Hampshire being quite ill, he went to see him.

Every man interested in athletics should be training up for the Fall Field Day, which we expect to have shortly.

B. L. Hartwell, '89, has accepted a flattering offer to sing in the choir of one of the largest churches in Greenfield.

The Morris Drum Corps goes to the Belchertown fair to-day to see the fair ladies, we presume, as much as to furnish music.

A distemper, which presented itself here recently, caused the absence of many students from the various departments last week.

The Trustees of the college held a meeting here on the 3d inst. Several important matters were discussed by them while in session.

Why don't we have Fire Drill this term? At present nothing has been done but publish the general order. A little practice would enforce it on the minds of all.

S. S. Teacher—"What is the chief end of man?"

Little Boy—"Why, I reckon, sir, its the end that wears the hat."

The Shaw Botanical Garden of St. Louis offers six scholarships for garden pupils, its object being to train competent and skillful gardeners. The course extends over six years.

Oct. 10th the W. I. L. S. met and discussed the advisability of having a senate in Aggie. The weight of the argument and the merits of the question were both in favor of a senate. "There are two sides to every question—the wrong side and our side."

Thomas Hoar, of Amherst, Mass., has returned to finish his course here. He entered in '92 but circumstances led him to remain away a year, but now that these have been somewhat altered, he decided to enter '93. We all heartily welcome him back.

Last Monday the cadets were redivided as evenly as possible into four companies. Now the companies stand on the same ground, and therefore will have a fair show in the monthly competitive drills for the position of Color Company. We expect to publish the permanent appointments in the next issue.

The Hatch Experiment Station has just completed arrangements at the upper plant house for an exhaustive test as to the relative value of overhead or underneath heating. Both houses have been repiped, the furnaces refitted, both alike, and provided with separate chimneys. At the lower plant house a new chimney has just been completed.

The W. I. L. S. now offers two prizes, a first prize of \$3.00 to the best speaker, and a second prize of \$2.00 to the next best speaker, of the Sophomore and Freshman classes. The competitors will be marked on the number of points made each evening. The judges will be the President, the First and Second Directors of the Society. The contest will commence next Friday evening and will continue to the last of the term. Here is a chance for these two classes to show what they are made of. Every Sophomore should determine that these prizes shall be won by members of his class, and every Freshman should make the same resolution. The contest is open to every member of these two classes, whether members of the W. I. L. S. or not. Now let every man work for his own honor and for the honor of his class.

Bulletin No. 10 of the division of the Hatch Experiment Station is now ready. This number is one of the valuable ones that have been issued, containing as it does information of much importance, not only to the florist and market gardener, but also to the farmers. It contains an account of a series of tests with special fertilizers upon greenhouse plants, including carnations, lettuce, tomatoes and pansies. There is also an interesting account of observations made upon peach buds, the aim being to more fully solve the question of bud protection during the winter. A very comprehensive table giving the relative merits of one hundred varieties of strawberries, is published in the Bulletin, together with similar tables relating to raspberries and blackberries. This bulletin has a circulation of nearly 10,000, and if there is any farmer in the state who does not receive it he can do so without cost to himself by addressing the Hatch Experiment Station, Amherst.

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AMHERST, 52; AGGIE, 0.

Thursday, October 9, Aggie played Amherst on Blake Field, the object being practice for both sides. The teams lined up as follows:—

Aggie's:—Carpenter, l.e.; Crane, l.t.; Baker, l.g.; Magill, c.; Graham, r.g.; H. M. Howard, r.t.; E. C. Howard, r.e.; Fletcher, quarter-back; Hull (capt.) and Perry, half-backs; Starr, full-back.

Amherst's:—Smith, l.e.; Crocker, (capt.) l.t.; Morse, l.g.; Lewis, c.; Stewart, r.g.; Allen, r.t.; G. Rally, r.e.; quarter-back, Lyall, half-backs, Jackson, and F. Rally; Cutler, full-back. Referee, Willard of Aggie; umpire, Marshall of Amherst.

Amherst made six touch-downs followed by goals and four, failing goal. Hull made several good kicks followed up by Carpenter. Hull also did most of the rushing, making a phenomenal run of 80 yards. H. M. Howard, breaking through Amherst's rush-line, also made a 30 yard run. Hull, H. M. Howard, Fletcher and Starr did the bulk of the tackling, behind the lines. Starr's downing of Jackson is worthy of mention, and his spurting was good, but he could not carry Amherst's rush-line on his back. Our rush-line did not hold well, but Carpenter got through several times and E. C. Howard made some good tackles. Fletcher caught well but was injured while starting to run with the ball thus caught. His place was taken by Rogers. H. M. Howard had not recovered from the bruise received in the Trinity game, and consequently he was not in condition to play his usual game. Becoming injured he was substituted by Rogers. Our men were too slow in bunching to meet their opponents "V" and with the exception of Hull, Carpenter and Starr were too slow in their running.

Of the Amherst team, Jackson, hurt early in the first half, was substituted by Talcott, and Hamilton played r.e. till the intermission in place of G. Rally, who was hurt near the end of the half. After the intermission, Talcott played r.e., Jackson returned and played half-back, Hamilton playing l.e. and Smith quarter back. After playing nineteen minutes in the last half, the game was suspended at request of Capt. Hull.

Y. M. C. A. PRAYER MEETINGS.

Oct. 16—Walking by the Spirit. Gal. 5:

14-26. A. E. Melendy.

Oct. 19—Sowing and Reaping. Gal. 6:

7-10; II Cor. 9: 6. L. W. Smith.

Oct. 23—Our Debts. Rom. 1: 13-16.

F. S. Hoyt.

Oct. 26—To What are We Called? I Tim.

6: 12. A. H. Kirkland.



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MAILS.

Mail leaves college for P. O. at 1 P. M. and 7 P. M. on week days. On Sunday it leaves at 4-45 P. M. At the P. O. mails close as follows:

Boston,

7-45, 8-30, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.

New York, Western and Southern States,

7-45, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.

Northampton, Springfield and Western Massachusetts,

7-20, 10-15, 10-45 A. M.; 6-45 P. M.

Northern way, N. L. Northern,

8-30 A. M.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 3 to 4 each afternoon excepting Saturday and Sunday.

The college library will be open from 2 to 4 P. M. and from 7 to 8 P. M. each day, excepting Saturday and Sunday. On Saturday it will be open from 9 to 12 A. M. and from 2 to 4 P. M., and on Sunday from 2 to 3 P. M.

President Goodell will be at his office from 2 to 4 P. M. every afternoon except Saturday and Sunday.

ALUMNI.

E. W. Allen '85, Experiment Station, Washington, D. C.

W. H. Atkins '86, Burnside, Ct.

G. H. Barber, M. D. '85, Surgeon on "Pensecola" of the South American Squadron, ordered to Brazil.

C. F. W. Felt '86, Resident Engineer, Cleburne, Tex. G. C. & S. F. R. R.

E. R. Flint '87, has entered on a two years course of chemistry at the University of Göttingen, Germany.

J. A. Hobbs '74, U. S. Land Office, Salt Lake City.

J. E. Holt '88, Supt. of farm and grounds of Conn. Literary Institute, Suffield, Conn.

B. A. Kinney '82, 6 Fessenden St., Derrington, Me. (Photographer).

Boonzo Hashiguchi, '81, Sapporo, Japan; commissioner of Kokkaido Colonial Bureau and Pres. of Sapporo Agricultural college.

M. North '89, Am Vet. college, N. Y.

D. O. Nourse '83, elected Prof. of Agriculture and Agriculturist to Va. Experiment station, Blacksburg, Va.

Joel B. Page '71, Garden St., Hartford, Ct.; farm Supt.

E. B. Rawson '81, New York City; teacher at Friends Seminary.

Rev. J. B. Renshaw B. D. '73, pastor of Congregational church, Spokane Falls, Washington; Missionary pastor at Pleasant Prane.

H. E. B. Waldron '79, Port Antonio Jamaica, West Indies; Supt. Banana Plantation.

R. P. Woodbury '78, 2407 Perry ave., Kansas City. Sec. K C Live Stock Ex., Mo.

MARRIAGES.

John Mitchell Benedict M. D. '74, married to Jenny Elizabeth Blateesley, Oct. 2, 1890, at Waterbury, Ct.

The marriage of N. H. Whitcomb formerly of '90, is fixed for to-day, Oct. 15th.

THE TRAIN SPED BY.

It was a lovely summer's day,
Through meadows sweet with new-mown hay,
And wood-lands, where the green ferns lay,
The train sped by.

I leaned upon the window-seat
And the balmy odors, soft and sweet,
Seemed for a Prince's toilet meet,
As the train sped by.

We left the country and neared the town;
On the dusty streets the sun shone down,
And back from the pavement its rays were thrown,
As the train sped by.

Ye Gods! What a lovely smile was there!
What a splendid wealth of golden hair!
And a face of beauty, rich and rare,
As the train sped by.

It was only a passing smile,
Why should it so my heart beguile?
Was I ensnared in Cupid's wile?
As the train sped by.

Wherefore it is I cannot say,
Yet would I travel that road each day,
Could I but catch that smile on the way,
As the train sped by.

SAVE YOUR MINUTES.

Napoleon, speaking of the Austrians, after he had repeatedly beaten them in battle, with the advantage of numbers and position on their side, said, "The Austrians are brave soldiers, but they have never learned the value of minutes." And by these words Napoleon indicated a source of his own exceptional power.

It is even now a recognized fact that the man who is always busy can do some extra work sooner, than the man who has plenty of time on his hands. The busy man drives his work, the man of leisure lets his work drive him.

As college men, we are forming habits that will last a life time, therefore, let us

form the habit of looking after the minutes ; we can replace lost money or property of any kind, but time flies never to return.

But how shall we make our time count? Probably, the best way is to plan each half day in the mind, taking care to have the plan flexible enough for any emergency ; and in addition never try to perform any work, mental or physical, at a disadvantage, for the simple reason that it is a waste of time and decidedly injurious to the health.

For example, some fellows allow themselves to fall behind in their studies a little, and then try to make up their lessons by alternately studying and sleeping till about 3 A. M., and appear the next day knowing but little more and feeling decidedly worsted in the encounter ; such men are very liable to pronounce their studies dull and uninteresting.

The whole secret, if there be any secret, is to make every blow tell, avoid false strokes, obtain the best possible conditions for your labor, provide yourself with the best tools, always keep them in the best condition and use them in the best way.

And right here comes in another factor in making our time count, namely, the knowing how to use these tools. Let a greenhorn take an ax and undertake to fell a tree, we all know the result, he will probably hack it off, if we give him time enough.

Now it is just as essential to know how to study and use the various helps we have, as to know how to handle an ax, yet very few men ever give it a second thought, but plunge wildly into their work, and expend a great amount of energy which counts for nothing.

FOOT-BALL GAMES PLAYED.

Sept. 27—Trinity vs. Aggie on Aggie Campus.

Oct. 9—Amherst vs. Aggie on Blake Field.

The title page of this book was drawn and engraved by

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AGGIE LIFE.

VOL. I.

AMHERST, MASS., OCTOBER 29, 1890.

No. 3

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THOUGHTS ON READING.

It is said that a man may be known by the books he reads as well as by the company he keeps; and true it is that much may be conceived concerning a man's character, by a knowledge of the literature with which he gratifies his mind.

"Knowledge dwells

In heads replete with thoughts of other men."

When one reads and studies the works of a noble author, his mind is enlarged; he meets thoughts which correspond to those of his own mind, but which previous to that time he had not given expression to, and now they become a part of his real knowledge and are stored up in the memory for future use. He feels that in this book he has found a friend, and the acquaintance thus formed is a lasting one.

It behooves us then to make companions of only those books that will be of some use to us, either in meeting some immediate want of the intellect or building up character and stimulating us to lives of greater usefulness, rejecting, as in the choice of companions among men, all that are not ennobling and elevating in their influence.

A knowledge of books is one of one best introductions to society. Rarely do we see one holding a permanent position in refined society who has not some knowledge of the literary world about him. This knowledge, besides bringing a person into closer sympathy with a more highly cultured class of people, refines the taste and lifts his own mind to a higher plane of thought.

Reading, when conducted in a scholarly manner, is a most productive source of wisdom. Too often, reading is but a passive reception of other men's thoughts. To read with profit, the mind should be applied with all diligence; the intellect should be active in studying the thoughts of the author, comparing, and classifying them with its own material, so that when the reader wishes to impart ideas to another, he will have words in which to clothe them that they may have weight according to their importance. This may be called creative reading, and the earlier in life it is attained the more useful will books become.

Knowledge thus gained is the power that raises many a man to fame and distinction, who would otherwise toil through life un-

noticed and of little use to those around him.

Creative reading is a natural method of stimulating the mind to original production; accordingly, the custom has been for the great writers of literature in all ages to consult their favorite authors just before sitting down to their own tasks.

The college education is said to be the reading of certain books which represent the science accumulated by other men, and when the course of study is completed, the student's opinion should be of some value. Here again comes in the importance of reading thoughtfully. A lesson is not learned by simply reading it over in a passive mood; it is only when the axioms of the writer are carefully weighed and applied to actual cases by persistent thought, that the material of the book becomes of practical use to the student.

Some students can, by simply reading a lesson over once or twice, repeat large portions of it word by word, but do they really learn the lesson? Is it not a mere repetition of words which have no practical value as truths to the mind of the student? In reading another man's production, the words should be studied only as a means for finding the truth the writer would convey; but even when this is ascertained, it should not at once be taken for granted; all writers are not authorities, therefore, it is well to ask the question, am I to believe the statements of this author or not? Prove everything in your own mind before accepting it as truth.

If the writer makes use of unfamiliar words as best suited, to his purpose, so much the better for the reader, provided he will avail himself of the opportunity to increase his vocabulary by taking pains to look up the meaning of all obscure words.

There is danger of reading so long as to get absorbed and forget the purpose of the perusal. Skip over those parts of the book that will be of no use, and when you come to what meets your wants, dwell upon it, make it your own. All parts of a book are not of equal importance to all readers; what one will choose, another will reject.

We who have little time for reading should study how we can make that little the most profitable. It is said that Gibbon made a practice of examining himself be-

fore and after reading, to see what he really gained by the process. So we in reading an essay or a book should first ask ourselves what we know about the subject and what our thoughts concerning it are, and then after obtaining the writer's idea, analyse ourselves again to see what progress we have made.

Bacon says "Reading maketh a full man, conference a ready man and writing an exact man." The three go together, for although one may be able to confer and write much from his own personal observation and practical experience, life is too short for a man to demonstrate every truth for himself, and in order to be "full" of ideas, he must have accumulated some from the demonstrations of those who having gone before, have left books as the lasting monuments to their labors.

This is an age of extensive libraries; books are multiplying daily. The mind that would keep pace with the literary progress must needs be active. But in our eagerness to devour the new books, let us not forget the Book of Books, the one that has had more influence than any other in shaping characters in all ages.

SYSTEM OF MARKING.

How often, toward the end of the term, do we hear students express a determination to "cram" for the approaching examinations, in order to obtain a good mark?

A large majority of our students do this. To be sure it does no harm in itself, but what is learned in this way, is as quickly forgotten, and the time and energy are spent simply to obtain a mark.

A student under our system of marking, who has seldom prepared his lessons well during the term, can by cramming during the last few weeks, obtain almost as good a mark, as those who learn each lesson faithfully.

Of course we don't claim that all do this, but it is well to put all temptation out of the way. Now it is apparent that a system based upon daily recitations would entirely stop this demoralizing practice, and it would also tend to keep every student down to systematic work. This system is in operation in many of our public schools, where it works admirably.

Again, where those students who receive a good mark in the daily recitations are excused from the final examinations, those, who have not come up to the standard are obliged to take examinations, as under the old system. Now of course, no one with any ambition, will allow himself to be classed

among the laggards, and so will study hard for the required mark.

There is another noticeable fault with the marking; that is, the wide difference in the marks given for the same proportionate amount of work in the various departments. This can hardly be reduced to rules, but as it now stands one professor marks very low and close and another very high, while perhaps the majority strike the happy medium. We do not complain of unjust marks; we simply would like to see more uniform marking in the departments, as related to each other.

Now a man may put considerable extra study in one department and receive no higher mark, perhaps, than in another department where he has almost no interest.

When our reports are sent home we are questioned as to why we don't receive higher marks in our favorite studies.

If there is a weak spot in a system of marking, a student will take advantage of it, otherwise he goes contrary to nature, which is a thing all students endeavor to avoid.

OUR MUSICIANS.

Formerly the east entry of the north dormitory was considered one of the quietest spots in the whole college. Now a great change has been wrought, for the quiet disposition has been entirely superseded by many of the occupants desiring to manipulate some musical instrument, thereby rendering life exceedingly disagreeable for those less fortunate in this respect. In the early morning we are awakened from our peaceful rest by a sort of reveille, which reveals to us, as we gradually regain our senses, that some aspiring drummer is trying to perfect himself in his art. As the day advances and we are endeavoring to concentrate our thoughts on some difficult selection in Rhetoric, or perchance we have not fully mastered some complicated problem in mathematics, when the sound of a cornet, mingled with the discordant notes of an alto horn fall upon the ear, and perhaps to make a little variety some one very thoughtfully pounds on the bass drum. So the concert continues only to be interrupted by the ringing of the chapel bell, which summons us to prayers and recitations, and prevents further practice for the remainder of the morning. During the afternoon we have little cause to complain, for most of us spend the greater portion of it outdoors engaged in a game of foot-ball or tennis, or perhaps, the more industrious of us use our time to better advantage by working

what spare hours we have. As night approaches, however, we return from work and sport much refreshed, resolving to improve the opportunity and accomplish a good evening's work; but, we no sooner get under way, than our newly organized college band strikes up some mournful strain and dispenses music gratuitously to the occupants of the whole dormitory. We all enjoy this very much and probably shall enjoy it still more when they can play something besides "America"; so the concert continues, and as we retire for the night, disgusted with such proceedings, we are hushed to sleep by the old familiar tune of "Nearer My God to Thee". Now we do not wish to criticise these men, for a college band is an honor to the institution, and it is earnestly hoped that it will equal the drum corps in this respect, but we do have one request to make, and that is, that our musicians confine their practice to such portions of the day, as will not interfere materially with study hours.

THE BENEFITS OF ATHLETICS IN A COLLEGE.

While the preeminent idea in a college, in regard to athletics, may be to put teams on the field to compete with other colleges which will be strong enough to obtain the most victories, yet this should not be all. Even if a college cannot put what are called winning teams on the field, it is better for the students to support in a hearty manner the best teams that can be produced among them, than for the institution to be without a representative in the athletic line.

The amount of good that athletics will do in a college does not lie wholly in the number of victories credited to the various teams, but largely in the benefits derived by the greater part of the students in the work of practicing the 'varsity and class teams. While only a limited number can belong to the 'varsity teams, nearly all can engage in practice games and contests between classes, societies, clubs, etc. As has been proved to the entire satisfaction of nearly all, athletics provide a most complete means for the development of a strong constitution among college students, which should always accompany a good mind. During the past twenty-five years, athletics have been largely introduced into American colleges, and the results have been very beneficial, as is attested by the position instructors take, and by the noticeable improvement made in the physique of educated men as a class. Although athletics

create a sort of an easy-going, rollick-some nature in those that participate, they may be of great advantage to one in the acquirement of many of those rare attributes of an ideal man, such as self-control, tact, bravery, and the quick action of mind and body. The practice of training which is pursued in an athletic team cannot but prove to be of great value to those coming under its discipline. The need of trained men has often been felt in times of great importance and the want of them has more than once proved of great cost to nations, parties, and movements of reform.

There is also no doubt but that the increased attention to athletics in colleges is having a beneficial effect on the moral standing, as they tend to systematize the habits of students and check dissipation. It is probably through the influence of athletics more than anything else that hazing and property destroying by college students has been abandoned. These are only some of the many prominent benefits to be derived by the students from athletics occupying a conspicuous place in the college. Therefore, let us not look so exclusively to the number of victories our teams win, but also consider the benefits that the training of those teams has been to the whole college, and especially to all those who have been participants in this work. If this idea is carried out, more men will be practicing and some of the valuable material that is now latent will become developed, and our students will be surprised at the increased quality of their athletic teams. When our teams do not win let us not feel discouraged but let us show that we appreciate what the men have done, and help them to prepare themselves better for future contests.

But this is only part of our work, for we should come forward and help as much as possible in defraying the expenses of our teams which largely represent the college before the world. If students would only stop and consider what benefit athletics have been to them, and what increased benefits they might receive, if they were only entered into with the proper spirit, the individual support, and the pecuniary aid would be double what it is now.

THE TRIP TO BURLINGTON, VT.

Fifteen of the "Aggie" students, including the foot-ball team, the business manager and referee, set out for Burlington, Thursday night, Oct. 23d, at eight o'clock, P. M. From Amherst to Brattleboro, where we first changed cars, the time passed off very rapidly, as the dullness was overcome

by banjo music, together with vocal exercises by the whole company. The thirty minutes we had to wait in Brattleboro together with the time we waited there on our return, gave us ample time to take a good stroll over the town. As we rolled on from Brattleboro to Bellows Falls, some of the company even indulged in a few minutes sleep, but were soon disturbed by a second change of cars. Now we thought we were settled for the night and would have slept, if it had been possible, but we soon gave it up in disgust and everyone was kept awake, as a result of the energy expended in free entertainments. A little after two o'clock we reached Rutland and found it necessary to change cars a third time. At last we reached Burlington about 5-30 A. M., where we immediately took the bus for the Burlington Hotel and retired for a few hours of solid rest. Some arose in time for a short ramble about the city before dinner time.

Right here a word may be said of Burlington. To all appearances it is a very neat and pretty little place. Its most pleasing feature being its location, slightly elevated and overlooking the great Lake Champlain.

The U. V. M. buildings are very handsomely located on a hill; the university possesses one of the best libraries in the vicinity.

After dinner we prepared for the game, which was said to be the most exciting one of the season. At night we were all willing to retire for a good night's rest, getting up in the morning much refreshed.

Now the beauty of the trip begins. We left Burlington at 8-15 o'clock A. M. and our attention was well taken up by the beautiful view across the lake to the immense snow covered peaks of the Adirondacks in N. Y. This continued for some time down the lake, until we began to leave the Adirondacks, and near the Green Mountains, when we could see the towering peaks in the distance on either hand. But our attention was now drawn to attractions nearer at hand.

An artificial forest may be worthy of mention, although there were natural forests on every hand and the deep hue of the foliage added much to their beauty.

Herd of live stock of various kinds were seen feeding on the various hills. As we neared the lime-stone regions immense marble quarries, which were located all along between the high peaks attracted our attention. Passing through the lowlands

and valleys above Rutland, we were curious to know how they did their haying, as large tracts of land were completely submerged in water, we being able to see only the tops of fences, and now and then a mowing machine or a horse-rake sticking out of the water.

Looking off in almost any direction, through the valleys, between the peaks and on the slopes, we can see some superb natural scenery. As we move along and pass this beautiful scenery we arrive at Bellows Falls, where we come to the noted scenery of the Connecticut valley, which we need not mention here. We reached Amherst at 4-40 P. M., a tired company, but the time seemed to pass very quickly and all felt well paid for returning in the day time.

BATTALION ORGANIZATION.

Commandant of Cadets, First Lieut. Lester W. Cornish, Fifth U. S. Cavalry.

Cadet Major Ruggles.

" Adjutant Brown.

" Quartermaster Gay.

" Sergeant Major Crane.

" Quartermaster Sergeant Holland.

COMPANY A.

Cadet Captain Magill.

" First Lieutenant Shores.

" Second Lieutenant Sawyer.

" First Sergeant Clark.

" Sergeant Beals.

" Corporal Emerson.

COMPANY B.

Cadet Captain Paige.

" First Lieutenant Howard.

" Second Lieutenant Felt.

" First Sergeant Stockbridge.

" Sergeant Boynton.

" Corporal Graham.

COMPANY C.

Cadet Captain Legate.

" First Lieutenant Hull.

" Second Lieutenant Eames.

" First Sergeant Thomson.

" Sergeant Rogers.

" Corporal Hubbard.

COMPANY D.

Cadet Captain Carpenter.

" First Lieutenant Field.

" Second Lieutenant Johnson.

" First Sergeant Willard.

" Sergeant Taylor.

" Corporal Plumb.

COLOR GUARD.

Cadet Sergeant Smith.

" Corporal Lyman.

" Corporal Field.

" Corporal Deuel.

Chief Musician, and Cadet First Sergeant Drum Corps, Fletcher.

Fire Marshal, and Cadet First Lieutenant, Horner.

AGGIE LIFE.

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CARPENTER & MOREHOUSE, PRINTERS.

ONCE more we would call the attention of every man to the necessity of writing for *AGGIE LIFE*. To the Freshmen especially, we would say, write something if you have a pen, if not, we will lend you one. Let every man understand, that he is expected to write, even though he may not have a special invitation from the editors. The Editors cannot write everything, nor can they promise to publish every thing written.

WHILE general improvements are being made in and about the College buildings, why would it not be a first-class idea to put iron gratings over the excavations in front of the basement windows on the east side of South College? While as yet no one has been seriously injured by falling, though several men have stumbled into them, it is by no means certain but that someone will be, if proper precautions are not taken. A feeling has long been current among the students that these gratings are requisite to personal safety, and it is hoped that the matter will receive due attention.

WITHIN the limits of the College history, a "Mass. garden" was started on the grounds. The question now arises, what is a Mass. garden? Such a garden consists of a tract of land containing specimens of all native trees and shrubs growing in the state. Now what would be more interesting or instructive to an observing person than to enter such a place? Probably every town in the state has some tree or shrub which is known only in that locality. It will take years to make such a collection, but will not the result more than pay for the labor and money expended? As was stated above, such a project was once entered upon, but the trustees, desiring to build a house on the same locality, caused many of the trees to be removed, so that for the time being, the most earnest sup-

porters of the scheme were discouraged. But now, being assured of a goodly share of the recent national appropriations, they are once more actively interested in the project, and will undoubtedly push the enterprise through with redoubled energy.

A COLLEGE song is now called for; we don't want some second hand article, but a distinctively Aggie song. We have writers of various excellence, even a few poets, and we know there are men in College who are capable of writing a College song. This is something that every man should consider, and do all he can toward producing a song, that will be an honor to the College. Our College songs should be noble in thought and full of patriotism; songs that will stir a man's soul and unite all in common bonds of sympathy. Some may say this is a high ideal, but that is just what we want; too many miss their highest usefulness in life, simply because they aim too low. Let us aim high in our College songs as well as elsewhere.

SINCE our last issue, we have learned that there is a great probability of our having electives, in some form or other, next year. It is, however, impossible to state just what will be done, until after the Board of Trustees meet. There is some difficulty at Washington in regard to the payment of the money called for by the recent act. As soon as this is paid over, which will probably be in about three weeks, the Trustees will meet to devise methods for expending it. The matter of electives will be brought up at this meeting, and will probably be referred to the Committee on Course of Study and Faculty. We understand that the Faculty intend to recommend that the electives shall be by courses, rather than by studies. This has the disadvantage of confining the student entirely to one branch of study, but is perhaps, all things considered, the best arrangement which can be made.

SINCE the gas fixtures were taken away from the basement and bath-rooms we have been left in darkness, not total, for there is still one solitary lamp in the basement, but in the bath-rooms there is a total lack of all light-giving objects. Perhaps the gas arrangements were unsatisfactory and unhealthful but they nevertheless fulfilled the purpose for which they were intended. As it is now if the students use the bath-rooms in the evening, they are obliged to take the lamp from the other part of the

basement; and if there is more than one bather at a time the second one is obliged to bring a lamp from his room, which is exceedingly inconvenient if he rooms in North College, or takes the alternative of bathing in the dark. Why could not the chapel electric wire be continued to the basement? This would afford a very convenient and efficient means of lighting both the basement and the bath-rooms. If this can not be done then surely lamps can be furnished, but by whatever means, let us have more light on the subject.

ANOTHER thing in connection with the bath tubs: let it be remembered that they are not made for laundry purposes, and whoever it may be that wishes to put his clothes to soak in the future, put them somewhere else than in a bath tub.

THE *Willistonian* feels very badly because we will not play Williston at football this fall. Manager Moseley's "long consultation" with Horner lasted about five minutes. It was after our game with Trinity, the 29th of Sept., and Capt. Hull was not present at the interview even that length of time. Horner and Hull both informed Moseley that the directors of our Foot-ball association had decided at their first meeting not to have any game with Williston this season. Horner did not tell Moseley that he would arrange two dates for him, but owing to the latter's importunity, he did say that he would consult the directors again. The flat refusal at first of both captain and manager should have been enough, and Hull thinking so, told Horner to let the matter rest there. In about two weeks Horner received a letter from Moseley asking again for dates. This was promptly refused. Our esteemed contemporary forgets that the Williston manager was told by ours that the reason we would not play them was the ungentlemanly treatment we had received at their hands and our desire to avoid the hard feeling generally growing out of Aggie-Williston games. The comparing of Williston's and Aggies' respective scores against the Amherst 'varsity proves nothing, for Amherst played at Easthampton with a team composed largely of subs, while against us, she put up the same team that played against Harvard next day. Stagg, when here with his team the 18th, said that our team not only played a far more gentlemanly game, but were also superior to Williston in points of play, and Stagg is a man who is in a position to know.

In view of approaching cold weather, we would call the attention of the college authorities to a matter that comes up every year, and which, as yet, has never received attention. This is the trouble that arises every winter on account of the windows broken in the gymnasium. These have mostly been broken by balls used in playing tennis, base-ball and hand-ball. The result is, that after a few windows have been broken, the students are prohibited from indulging in these sports inside of the hall. This action has always caused dissatisfaction and is not desirable, as the means for taking exercise in the winter time are rather limited. This matter can easily and cheaply be remedied by putting proper screens over the windows. A careful estimate of the cost of screening all the windows, shows that good wire screens, with frames which could be easily removed in the summer, could be put on for about fifteen dollars. These would not interfere at all with the gymnasium being used for drilling purposes. As the screens would be an improvement to the building, and would be a part of its fixings, the students do not feel that it is their duty to bear the expense of having them put on. It would be an improvement that would be more highly appreciated by them, than most any other, involving the same amount of money. As complaint has already begun to come in from the officer in charge of the buildings concerning broken windows, we hope that the matter will be attended to by the proper authorities as soon as possible, and thus put a stop to the trouble that will be sure to rise throughout the winter, unless remedied in the above mentioned manner. We accept with high appreciation the improvements which have been made during the last year, and we earnestly hope that this needed addition will be forthcoming before long.

GLEANINGS.

Banking celery is all the rage now.

Staples says, dry alcohol looks wet.

Why does Babbit carry a nursing-bottle?

Fletcher has moved back to Mr. Bangs'.

The Sophomores raised a breeze, when they went to Sugar Loaf.

The new uniforms will be completed in a few weeks.

Details from the battalion are having target practice on fair days.

The competitive drill for the honor of color company will occur the last of this term.

C. H. Parker, formerly of '93, spent a few days among us last week.

Oct. 15th Prof. Brooks was suddenly taken ill while lecturing to '93.

Walker, Perry and H. J. Harlow spent a few days at home last week.

Legate lamed his knee last week while playing foot-ball, but not seriously.

Bentley, '94, leaves College this week. We understand that ill health is the cause.

We hope the Owl Club will have an initiation soon, as several Freshmen want to join.

The Owl Club seems to be rubbing off the sharp corners. It is a good thing; let the good work go on.

Prof. W. to class: Such a substance as Ferric Carbonate does not exist. Davis:—please, what is the formula.

Where is our flag? We frequently hear that question as a man gazes on the flag-pole. No one gives a reason.

Senior essays on the West Point trip are due next Monday. Essays under Dr. Walker due a week from to-day. It never rains, but pours.

He was caught cribbing,
A lazy student, with a handy book,
His place in class one day he took.
The Professor gave him a sudden look,
And he the Prof's presence, then forsook.

The W. I. L. S. had a very lively discussion on capital punishment. The Freshmen and Sophomores are working well for those prizes.

Last Friday night the W. I. L. S., owing to some of the regular speakers being absent, debated extemporaneously on the advisability of early marriages.

The Aggie-Springfield game was witnessed by several of our alumni. Sellw and Copeland, both '89 men, were witnesses of the game, besides some of the post graduates.

Dr. W-l-l-g-t-n to Freshmen: Now take this all down. He gives it slowly, they take it verbatim.

Dr. W. It reads pretty good, don't it? Well it is all wrong.

Purdue University has three Seniors, twelve Juniors and thirty-two Sophomores taking a course in electrical engineering; besides these, there are three post-graduates doing work in electricity.

Wednesday, Oct. 15. The afternoon was a half-holiday by special request. Some students went to the Amherst Athletic Field Day sports, others to the Belchertown fair, which the drum corps also attended.

Although we were beaten the 18th, the game was very satisfactory. The Springfields are gentlemen in every respect. There was no hard feeling nor a trace of slugging. It is a pleasure to play against such a team.

J-n-t-r. That grate will be one dollar. Student. There is Prex and Lient., I will ask them. I thought the College furnished grates and stoves. He starts to see them.

J-n-t-r. Hold on; we'll call it square this time.

Oct. 22d, a meeting of those interested in a Natural History Society was held in Prof. Brooks' recitation room at 3 P. M. They elected Shores '91 Pres., Taylor '92 Sec., and appointed a committee of three to report at the next meeting with a suitable constitution.

FOOT-BALL.

The game Saturday, the 18th, between our team and the School of Christian Workers of Springfield was as follows:

SPRINGFIELD.		AGGIE.
Black,	right end,	E. C. Howard,
Barton,	right tackle,	H. M. Howard,
Smith,	right guard,	Graham,
Naismith,	centre,	Legate,
Van Leuvin,	left guard,	Ruggles,
Sanford,	left tackle,	Crane,
Kallenburg,	left end,	Carpenter,
Keller,	quarter-back,	Rogers.
Ball,	left half,	Fletcher,
Flem'ing,(Seerley),	right half,	Hull,
Stagg,	full-back,	Starr.

Referee, Willard.

Umpire, Paige, both of Aggie.

The first touch-down was made by Van Leuvin for Springfield after a long run, and a goal was kicked by Stagg. By a series of runs the ball is brought near Springfield's goal line and Hull makes a touch-down and kicks a goal. Springfields gain a few yards on a V rush. Stagg kicks ball into crowd, and it goes to H. M. Howard. Good run each by Starr and Hull. Springfields work Vs and bunt rushes without much gain. Hull makes a fine rush from a catch from Stagg's kick and is downed ten yards from Springfield's goal. Touch-down for Aggie made by a V. No goal. Time called on first half. 10—6 in favor of Aggie.

Second half. Seerley plays half-back in place of Flemming, injured. By bunts, Vs, and running around the ends Springfields score a touch-down in about twelve minutes. No goal. This ties the score, 10—10. Hull makes a good sixty-yard kick, Stagg punts it back to Starr, who starts to run but loses ball to Van Leuvin, who though a 10½ sprinter is caught by Hull and downed. Aggies get the ball, which is kicked by Hull and goes under a team. Springfield man makes a plucky play and gets it. After a little desultory playing Seerley runs through the line and

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makes a touch-down. No goal. 14—10 in favor of Springfield. Centre field, Aggie makes some successful Vs, Ruggles, H. M. Howard, and Hull go through with the ball, which then goes to Stagg's team, who lose it, and it is kicked by Hull. Time called. In the last half Graham showed sand in lying down in front of Springfield's V time and again. Hull did good kicking and made some fine runs. H. M. Howard and Ruggles gained ground every time one of them took the ball and went through centre. That Carpenter tackled well, goes without saying, and he seems to have a natural faculty for pursuing a kicked ball. Starr played a game supplementary to Hull's. He is a good runner but has to be careful of his wrist. He has a way, when he misses tackle, of taking hold of the runner's arm and holding on, and no player can run far with such a handicap.

U. V. M., 16; M. A. C., 12.

The game was called at three p. m. with the ball in possession of U. V. M. After six minutes of hard playing Lyman scored the first touch-down. A goal was kicked making the score 6—0. The ball goes to the centre of the field and U. V. M. soon secures another touch-down from which Lyman failed to kick a goal. Score, 10—0. Aggie had the ball on the twenty-five yard line and by means of a wedge rush carried it to the centre of the field. A fine run by Hull advanced it to the twenty-five yard line and Ruggles was then able to secure a touch-down. Hull kicked the goal but the umpire refused to allow it, claiming that an Aggie man was off-side. U. V. M.'s ball on the twenty-five yard line, but Aggie secures it on four downs and another touch-down is made by Hull. No goal. Score, 10—8. Time was now called.

At the commencement of the second half Aggie had the ball in the centre of the field but soon lost it. After a hard fight U. V. M. made another touch-down from which a goal was kicked. Score, 16—8. Aggie had the ball in the centre of the field and by repeated use of the V succeeded in getting another touch-down. Trial for goal resulted in a failure. Score, 16—12. Time was called soon after the touch-down.

For Aggie, Hull made some fine runs and Ruggles and Howard, '91, did some good bunt rushing. Carpenter tackled well and got down the field well when the ball was kicked. Baker did well at centre.

For U. V. M., Lyman made the long runs and Babbitt and J. Allen blocked well. The teams lined up as follows:



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M. A. C.		U. V. M.
E. C. Howard,	right end	J. Allen,
H. M. Howard,	right tackle,	Grow,
Graham,	right guard,	C. Hawley,
Baker,	centre,	Bingham,
Ruggles,	left guard,	Willard,
Crane,	left tackle,	H. Hawley,
Carpenter,	left end,	Farren,
Fletcher,	quarter-back,	C. Allen,
Parker,	right half,	Babbitt,
Hull, (Capt.)	left half,	Benedict,
Starr,	full-back,	Lyman, (Capt.)
Referee, Willard of M. A. C.		
Umpire, Stearns of U. V. M.		
E. C. Howard was substituted by Henderson at the beginning of the second half.		

ALUMNI.

A. C. McCloud, '90, reported last Monday to the Thomson-Houston Electric Light Co., Lynn, Mass.

F. L. Taylor, '90, Clerking for L. & W. R. R., Middlesboro, Ky.

MARRIAGE.

James Roswell Blair '89, to Miss Hattie T. Buxton, at Peabody, Mass., Oct. 14th.

SHOULD WE HAVE SUCH A CHAIR HERE?

A subject which is attracting much attention at the present time in the scientific world is the application of electricity to the useful arts. Many men, all over the world, are working ceaselessly on this manifold problem, bringing to the labor all the resources of trained intellects and original minds. There is a great demand for smart, energetic, young men to take positions of honor and profit in introducing and managing electrical improvements. But the necessary education is acquired at the expense of so much time and money that comparatively few can take advantage of the demand. Now we suggest that it would be eminently practicable to establish, with a part of the money so generously granted by the general government, a chair of electrical science as an elective, and so help to maintain the reputation of the M. A. C. for giving at a low cost as good a practical education as can be obtained anywhere.

PRAYER MEETING.

TOPICS.

- Oct. 30. Are we Christians? 1 John 2: 3-15, C. A. Smith.
- Nov. 2. How to become strong Christians. Eph. 6: 10-18, J. B. Hull.
- Nov. 6. Help in Temptation. Heb. 4: 14-16, M. Ruggles.
- Nov. 9. Promise Service, Matt., 7: 7, W. A. Brown.

MAILS.

Mail leaves college for P. O. at 1 p. m. and 7 p. m. on week days. On Sunday it leaves at 4-45 p. m. At the P. O. mails close as follows:

Boston,

7-45, 8-30, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.

New York, Western and Southern States,

7-45, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.

Northampton, Springfield and Western

Massachusetts,

7-20, 10-15, 10-45 A. M.; 6-45 P. M.

Northern way, N. L. Northern,

8-30 A. M.

The treasurer will be at his office from 4 to 5 p. m. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 3 to 4 each afternoon excepting Saturday and Sunday.

The college library will be open from 2 to 4 p. m. and from 7 to 8 p. m. each day, excepting Saturday and Sunday. On Saturday it will be open from 9 to 12 A. M. and from 2 to 4 p. m., and on Sunday from 2 to 3 p. m.

President Goodell will be at his office from 2 to 4 p. m. every afternoon except Saturday and Sunday.

AMERICAN COMIC WEEKLIES.

It has always been a recognized fact that Brother Jonathan has a large vein of humour in his composition. As a people we are desperately in earnest, and always hurrying forward to the attainment of some desired object. Yet even in the midst of the struggle of business life, the American often finds time to pause and indulge in a hearty laugh. This appreciation of the comical side of things is one of the bright phases of our modern American life. Overstrained nerves and tired bodies are often more rested and refreshed by some passing joke or comical incident than their owners realize.

Thus there has come to be a general desire among our people for what, for want of a better term, we may call laughter-provokers; which is not satisfied by the ordinary incidents of every-day life. To fill this want the comic weekly, a new form of journalism, has come into being. In no other country do these comic publications, hold so important a place as in our own. England has one comic paper, *Punch*, but in America their name is legion. They are the natural offspring of American wit and humour, and contain its very essence. No pains are spared to make them attractive, and they afford each week a magazine of fun, which is practicably inexhaustible.

In the larger ones the illustrations are a prominent feature and are executed with no small degree of art. But it is the little jokes, the short comicalities, and humorous verses, which form the best portion of this weekly feast. One of the necessities of humor is brevity. A long humorous article must be very humorous or it falls to the ground. The publishers of these papers recognize this fact, and in consequence they present very open pages.

These papers do not find their patrons entirely among the idle and useless members of society, who care only for amusement. In many a home where everyone has an earnest purpose in life, their coming is eagerly looked for and gladly welcomed. Staid divines and learned professors often find as much pleasure in their perusal as younger and more frivolous persons. We know of nothing so admirably calculated to banish a fit of the blues, as the perusal of one of these weekly mirth-provokers.

This appreciation of the humorous is a good sign, for no people will be likely to become irremediably sordid and money-loving, which can take such hearty pleasure in the comical. That such publications have some mission in the world beside affording pleasure, we heartily believe. Making use of a Hibernicism, we say to them "may your shadow never grow less. Go on, friends *Puck* and *Judge*, bringing smiles to sorrowful faces, and laughter into heavy hearts, so long as such hearts and faces exist; and as you are more or less successful so will you be more or less worthy of honor."

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AGGIE LIFE.

VOL. I.

AMHERST, MASS., NOVEMBER 12, 1890.

No. 4

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STUDENT FAULT-FINDING.

The pernicious habit of fault-finding is becoming altogether too common among those engaged in securing an education. Listen to the talk of a group of students, and notice how large a part of their conversation consists in criticisms upon the method of instruction, length of lessons, time allowed, and numerous other topics too familiar to need repetition. Criticism is an excellent weapon when used in the right spirit, and when grievances can be remedied by its means; but the thoughtless fault-finding, which passes from mouth to mouth, not only fails to lessen the supposed evil, but engenders a spirit of hostility and discontent, which is unhealthy.

It is doubtless true that the student has just cause for complaint in many instances; but what possible good can come from this continual grumbling to one's companions, who have no means of exterminating the wrong? A friendly appeal to the responsible parties will often be the means of effecting the desired change. If the grievance is not of sufficient importance to warrant taking some definite measures towards its eradication, it is surely unwise to sow seeds of discontent by continually alluding to so trivial a matter. Some of the sources of complaint seem beyond the power of the student to alter, even by thoughtful and deliberate means: obviously the right way in such a case is to make the best of existing circumstances; and, strange as it may seem, the wrong is very apt to appear less gigantic in its magnitude, under this treatment.

If about to expose some flaw in the instructor, stop to reflect a moment; it will often prevent you from setting yourself up as judge over your fellow-man. Remember that all men have their faults, and do not forget that all men also have their virtues. If we should substitute the habit of virtue-finding for that of fault-finding, research would be rewarded by more returns. Single out the points in which your instructor is well fortified, and use your strength to build up your own education rather than use your energies in attacking his short-comings. Character is generally moulded by the influences of a few bright days; and the habit of finding fault, acquired at this time, will

cling to us through life. The slave to this habit tends to overlook the good and to discern only the bad. He is ever ready to blame another; and sees more clearly the mote in the distance than the omnipresent beam. How often we see men, who occupy important positions in life, indulging in unjust censure of their co-workers; and eagerly grasping every opportunity to appease their jealous dispositions by finding faults in their neighbors. Such tendencies work against co-operation; and the results which might have sprung from mutual help, are lost to the community.

Let every student, therefore, think twice before giving expression to his criticisms; first, are they just? and second, what influence will they have upon the listeners?

A PURPOSE IN LIFE.

"Whither are we drifting on Life's vast resistless tide,

To what distant haven will our frail bark glide?"

How many a man has felt that which is expressed in the above lines; how often has he asked himself: "Is life worth living?" These, my friends, are thoughts which will continue to recur and trouble you until you have found your purpose in life; until you have made up your mind to accomplish that purpose and have undertaken the task.

The man who has something to do is happy, when compared with one who sees nothing to accomplish. He who has many wants experiences pleasure in satisfying them, while the man with no desires has nothing to be satisfied, hence no pleasure.

It is claimed by some that there are so many different openings offered to college men that it is hard for them to choose one they will be satisfied with. Are not our college men more capable of choosing their purposes intelligently than any other class of young men? or has the training of their minds availed nothing of practical value? Friends and parents may advise this or that pursuit but it remains for you to choose.

Associating with energetic, wise men will help us to choose well. Sometimes, contempt for the weaknesses of purposeless characters, with whom we are obliged to associate, goads us to determined action. We delight in the company of resolute persons. Such company gives us new deter-

mination and animates us with new desires. At the same time we learn from example that nothing can be accomplished before it is conceived and then only by persevering, energetic effort. Companionship with persons of energetic, resolute character should be courted by those who lack determination, for nothing is more conducive to the formation of good character than association with persons of that character.

The man of resolute purpose is always admired, if his purpose is good, while his life must be more satisfactory to himself. His ideal may not be so high as that of some dissolute man, but it is his determination which we admire. It is not what a man is capable of doing, but what he does that is worthy of admiration.

Have a purpose to accomplish, and a determination to do well whatever is undertaken. Be resolved to stick to your object till it is gained, or at least till you are satisfied as to your capabilities for accomplishing it.

This purpose should be expansive, growing as you grow, and ever opening up new ways for your ambition and energy. Do not choose a narrow, shallow purpose, but rather choose one in which there is room for growth, as growth is essential to life.

The highest purpose in life should be to live. But, someone asks, what is it to live? To live is to think, to feel, to love, to act; or as it has been beautifully expressed, "to live is to keep our sympathies in the front rank of human progress; to discipline our courage by every test of bravery which God allows; to navigate the world of being and of effort, as ships the globe, till we have sailed the full sphere of opportunity, touched at every point, and voyaged on, until at last the soul, like some old argosy freighted with gold and spice and marvelous woods strong with precious odors, comes sailing, laden with the rich experiences of an active life, grandly to its home. This it is to live."

But to be able to live thus, we must first provide for the wants of the body in which the soul is to dwell. In order to provide for these, we must work; and about the first thing to decide is what to do. Each must decide for himself, according to his aptitude and capability, for what occupation he is best fitted. Each and everyone of us has a certain limited amount of energy to expend, and if directed wisely in one occupation, we may hope to acquire an independence that will enable us to nurture, culture and enrich the whole soul.

(K) NIGHT BIRDS.

In the distant future, as we manfully follow the plow, or milk (not ride) the goat, or extract N. and O. (see Dr. Goessmann) in the shape of sweet "garden sass" from the bosom of Mother Earth, we will look back with especial pleasure to one feature of our life as M. A. C. students. We refer to the time when we were members of the great and glorious Owl Club.

Ever since we arrived at college, we had heard mysterious hints about this owlish company. We anxiously inquired what the qualifications for membership were, and if a Freshman was eligible. We were told that candidates for membership were required to have a certain amount of gas and gall, "And" our informant added, "I guess you'll do."

At this joy filled our hearts. We imagined ourselves going about in the darkness of midnight, in ghostly garments, with most unghostly noises, and it seemed as if the prospect were too good to be true. We acquainted the officers of the club with our desire to join. They told us we might come in the next night if we could stand the initiation.

It seemed as if the time before the consummation of our desires would never pass away. We made three straight flunks in our classes and when the Latin professor asked us to give the declension of "boy" in Latin, we began "Owis, owlis, owls," until recalled to our senses by the applause of the class. The long-awaited hour at last arrived and with it came the owls. After the door had been locked behind them, we were made to take the oath of the club, as follows: "You do solemnly swear that you are possessed of less than the average amount of brains, and more than the average amount of gall, and are thus qualified to become a member of the Owl Club."

They then tested the capacity of our skins to hold paint. Finally having given a series of yells, somewhat resembling the sweet song of the screech-owl, we parted for the night.

The next night we marched, about twenty strong, into a Freshman's room, being careful to go when the unsuspecting victim was wrapped in the arms of Morpheus and playing (with his nasal organs) an accompaniment to the music of the sweet singers of the land of Nod or, mayhap tossing uneasily on his mattress, as though some prescience of the honor that awaited him, had reached his rest-seeking senses. "Soon rudely are his dreams dispelled,"

his music is replaced by music of another kind which, though far less melodious, rivals his in volume. The first waking thought of the Freshman is: "— those cats!" As he catches sight of his visitors, his mind reverts to his old study on the Origin of Man, and he exclaims: "Now Darwin's missing link is found, for none but ape-descended progeny could look like this or act the fool so natural!" This exclamation is lost in the confusion of sounds, luckily for him. He is then handed roughly out of bed and threatened with a ducking in the fountain. His screams for mercy seem to move his would-be-ghostly captors, and turn them from their purpose. After a whispered consultation, they leave twelve of their strongest men to hold the Freshman whose valor is returning, while the rest create such chaos in his room as they can. The victim is then warned to keep his hair cut short, and with a parting yell, which sounds as though an idiot asylum had broken loose, we bled us to our rooms, divesting ourselves on the way of our very appropriate uniforms, which consisted of foolscaps, with long ears and white sheets hooked from some poor families' clothes-line.

MR. EDITOR:—*Sir*: Will you kindly allow me a short space in AGGIE LIFE to correct a statement, that appeared in the issue of Oct. 29th. The military department will be glad to receive at any time, and consider carefully any suggestions the students may desire to make, that will tend in any way to their comfort and convenience, but those that make any statements for the purpose of strengthening their side of the question ought to be careful in regard to the accuracy of such statements. It was stated in your last issue that screens could be put up at the windows in the gymnasium for \$15.00. There are two inaccuracies in this statement; one is that the room in question is a "drill hall" and not a gymnasium. It was originally intended for purposes of drill, but certain gymnastic apparatus was permitted to be put in, where it would not interfere with the use of the hall for drilling purposes. This apparatus was not purchased by college funds, nor do I see why screens to protect the windows from being broken by tennis and base-ball should be. Nevertheless, if these screens could be put in for \$15.00, as was stated, they would have been and the expense defrayed by the college, but they cannot. A careful measurement of the area to be covered by the wire netting shows that 726

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sq. feet is the least amount that would answer. At five cents per sq. foot, the market price, the cost of the wire alone would amount to \$36.30. This screening would have to be placed on frames, that extended at least six inches from the wall, in order to be any protection to the glass. It would take 800 ft. of lumber six inches wide to make the frames. Fifty-six frames would have to be made, which would take a carpenter several days at \$3.50 a day for his work, so that the actual cost of wire, lumber and labor would probably be nearer \$60.00 than \$50.00, about four times the estimate of your correspondent. It would be much cheaper for the athletic association or the tennis club to replace the glass when it is broken. Windows are not even reported when broken so that they can be replaced, and thus prevent the freezing of the water in the heating apparatus during a sudden cold snap, an accident that might cost the college a large amount to repair. These remarks have been made in order that a fair view of the subject might be presented on the principle that there are two sides to every question. If the students wish to put in these screens to facilitate their winter sports they will no doubt find the faculty willing to help them in obtaining the necessary funds.

LIEUT. L. W. CORNISH.

COMMENCEMENT THESES.

It may look at first glance as if this topic were out of place at this time of year, and so it would be, if I referred only to Commencement theses in general, but it is high time that the Senior class looked the subject of next June's orations square in the face. What shall we choose for our themes, and how shall we treat them? Are we, as a class, capable of gracing the Commencement stage as well as the classes that have gone before us? These questions we would fain put from our minds a little longer, but they are questions that must be answered with the burning of the midnight oil unless answered soon.

The other day a member of our Faculty said to me, "Nothing is so true an index of a man's character as his graduating thesis." With this in mind let us not be rash in our choice of subjects. If a man's tastes are of a high order, and if he takes other than a sordid view of life, his essay will partake of the intellectual rather than of the material. If, on the other hand, his whole aim is money making, his production will deal with expediences for the accumulation and hoarding of wealth, and

ignore the higher development, which is claimed to be the crown of human existence.

The theses written and committed, we must not treat them as if they, being our own productions, were not worthy of delivery. Commencement day is too earnest a time for commonplaces. In those few moments before, as it were, his knighthood is conferred, when the graduate stands to address his college mates for the last time, then, if it burns in him at all, flashes out the Promethean fire.

It is true that we have not received all the literary training that we should have. We hope our successors will enjoy a more extended course. Nevertheless, we possess the ability, if we improve all our opportunities, to make a good showing at graduation, and I suspect that it was more to gauge this ability than to simply stimulate general literary excellence that President Goodell offered the prize for the best description of the trip to West Point. Let us, one and all, then, take hold of all our coming literary work, not as an evil that must be endured but as something to which we will be indebted, for our honor and class pride next June.

OUR CLOCK.

The busy man must make his minutes tell, and to accomplish this in the best manner, he must figure closely on his time, but this cannot be done with certainty unless all have a standard time. At present we have no standard college time; every man claims his own time-keeper to be just right, even when the rest differ by five minutes. If we regulate our time keepers by the bell, there is very apt to be a sudden loss or gain of five minutes; again the bell does not always agree with the town time, or if they happen to agree, the drummer is very apt to conclude that they are both slow by five minutes, and so the busy man that looks after every minute is almost sure to be tardy at drill or at chapel. Now to obviate this difficulty, we would recommend a clock in the New Chapel tower. Why, those blank clock faces seem to be appealing for a clock to turn its hands before their faces, so they may be useful to the college, by showing the true time to all, and thus save many minutes, that would otherwise be wasted. Here is a grand chance for some class to put a useful as well as ornamental memorial on the college grounds; or, perhaps some alumnus wishes to do it. We would recommend it to some of the lower classes, because if they do it now, they may enjoy the fruits of their labors.

AGGIE LIFE.

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Let every friend of AGGIE LIFE do all he can to extend our subscription list. At present, only fifty alumni have subscribed. If we can get more support, we will give you a better paper. If we had a few more subscribers, we could give you another page of matter, as it now stands, it will not do to presume any more on future support.

At present all seem absorbed in the one game of foot-ball, but we would inquire, where are our tennis players? Occasionally we see a couple playing just to pass the time away. Several weeks ago a tournament was started and partly played; since then we have heard little of it. The bad weather must have dampened the spirits of the players very thoroughly or else the tournament would have been played out before now. At present it looks as though the players were played out. The game is a good one and deserves more attention than it has received lately, especially by those who do not play foot-ball.

We would now caution our correspondents in regard to statements made in their articles. In the article in regard to the Drill Hall, we publish a refutation of some wrong statements, made in the last issue, in regard to putting wire screens over the Drill Hall windows. Is it not fair, for the editor to assume, that the man who writes an article knows what he is writing about, or is it the editor's business to rigidly investigate every statement published? It may be the latter, but at present we fail to see it in that light, though we aim to represent all parties fairly. We hope, that in the future, our correspondents will be sure of their statements, before submitting them for publication.

We notice, at our various debates, a tendency among the speakers to twist statements, made by the opposite side, to suit their own convenience. Now this is

not justice to the opponent, nor does it help the man who does it. Such twisted statements have no weight with the hearers, as the device is too shallow to influence thinking minds. The best way is to give your opponent all he can justly claim, more, rather than less, for by so doing you impress upon the audience the fairness of your own statements, which is the first thing a good debater aims at, for if you can lead your audience to look at the question impartially, from your side, the victory is more than half won, and all that is necessary, is, simply to clinch the impressions made.

The question often arises why we cannot organize a better foot ball and base-ball team in the college. Is it because we have no material to work with, or is it the lack of interest shown in these games? True it is, that we do not have as good material to work with as many of our larger colleges, but is it not more the lack of interest that makes us unsuccessful? The latter, without doubt, is the principal cause. For the first two or three days, when the foot-ball or base-ball season begins, the campus is crowded with men who are seeking a position on the team. They will practice for a week and submit themselves to the best possible training, when suddenly their interest dies out, and it is almost impossible for the captain to make them continue. They seem to feel sure that a man who is working for the same position on the team as they are, will undoubtedly be chosen, and so they give up all hopes of ever becoming a player. They are also afraid of hurting some one's feeling, by turning him out of his position. Now such feelings as these should be abandoned at once, and any student who has the faintest idea of ever becoming either a member of the foot-ball or base-ball team should essay to make the competition greater. There is no better time for the students to manifest this interest than in their Freshman year. At this stage in their course they have ample time for practice, and the upper classmen are always ready to show them the points of the game. By the time they have been in college a year, they would probably get a position on the team, thus reflecting credit not only upon themselves, but upon their class and societies. The result of the Freshman and Sophomore game is a suggestive indication, how practice makes perfect, for both teams have worked hard in preparation for their recent game. The college appreciates the inter-

est manifested by the Freshman class in athletics. They have opened the college year with a spirit which is worthy of special praise and we hope that it will be continued.

THE State is so fortunate as to possess several collections which should be of great benefit to the students, but under the present management they, (with the exception of the Knowlton Herbarium and Prof. Fernald's collection,) are really of no benefit to anyone. One of the most important of these, "The State Collection of Minerals," is stowed away in the loft of the Drill hall. The minerals are thrown into drawers, which are piled, one on top of the other, and are mixed with rubbish of all sorts. Some are even thrown into an old pail. Others, placed in fragile bottles marked, "Handle with care," are thrown in with stones weighing several pounds. Mixed in with these are models of various agricultural implements, all in a ruinous condition. On one side of this room, are three large cabinets filled with insects, which are almost destroyed. A considerable number of Japanese implements, collected by Prof. Brooks while in Japan, are in the "Old Drill Hall," in a disorderly state, covered with dust and cobwebs. It would be almost impossible to estimate the true value of these collections if properly preserved; but of what use can they be to the students and farmers of Mass. under the present circumstances? It is doubtful, if even a third of the students are aware of their existence. What would the donors think if they should discover that their collections were in such a state? They would at once say, that they should be arranged so as to be easily examined and referred to at any time. To do this it would be necessary to erect a building especially arranged for this purpose, as there is no available place at present. This building should be large enough to hold these and all future collections, and of such a design as to be an ornament to the college grounds. The building should also be fire-proof, in order to escape the fate of the old college museum. It is hoped that the new Natural History Society, now formed, will take this matter into consideration at once, and strive to carry out the project to a successful termination.

GLEANINGS.

Battalion drill now on fair days.

Small corn-cribs appear like dots over the farm.

Thanksgiving vacation begins two weeks from to-day.

Ranney, '93, is around with a lame knee, the effect of foot-ball.

Blanchard, '94, and Whitcomb, '94, are about to leave college.

Last week the celery was packed in the cellar, and in outside trenches.

Is it not time to begin work on that pond? Begin early and have a good one.

Nov. 15th, the last game of the season, Aggie vs. Worcester Tech. at Worcester.

Faculty meetings seem to be the order of the day. We hope to see some results next term.

Staples, '93, who has been at home some time on account of sickness, returned last week.

C. D. Green, '92, has left college to accept a situation as accountant, at Three Rivers.

Sullivan, '94, dislocated his arm at the elbow in the Sophomore-Freshman game last week.

What seems to be the trouble with the tennis tournament? Has it frozen up, or stopped short for repairs?

We understand that the Botanic Department will shortly commence underdraining the Nursery and adjacent grounds.

A large part of the pasture back of the Hatch Experiment barn is being underdrained by students, this fall.

J. S. Loring, '90, is here to remain with us a few weeks. He is to do some surveying at the Botanical Department.

Our musicians in North dormitory have showed a decided improvement in the last week; if *not* in talent, at least in the cause of humanity.

President Goodell was unable to be with us a few days last week, owing to the same face trouble with which he was afflicted a short time ago.

The farm has recently purchased seventeen cows that average ten pounds of butter apiece in a week. One of them has made fourteen pounds of butter a week.

Nov. 3, Streeter, '94, goes home to vote, but finds on arriving at the polls that he is not registered. He returns next day, weary and sick at heart, full of regret for the little incident that caused the defeat of his party.

The drum corps is made up this term as follows: drum major, Ranney; bass drum, Clark; fife, Howard, Toole, Putnam, Babbitt; snare-drums, Fletcher (1st sergeant and chief musician) West, Williams; Johnson, '94, bass drum carrier.

Company D. obtained the colors for this term by lot.

O. V. B. Lage will represent AGGIE LIFE at the alumni dinner in Boston, Nov. 14th, 1890.

Why? Is Dearest, in my sight,
Like a knob, so clean and bright.
Echo softly whispers o'er,
She is something to a do(o)r(e).

The evening of the Springfield game Lieut. Cornish did the handsome thing by furnishing eighteen rounds of powder, one for each point made; he even came up to the college himself to see that there was no trouble in securing it from the Armory. The cannon spoke well of the victory.

The foot-ball game of Tuesday, Nov. 4, between '93 and '94 with a score of 12 to 12 was one of the most exciting games that has taken place on the campus this season. '93 had a little the heavier rush-line, but it was clearly seen that '94's team had the most practice. Behind the lines, '93's quarterback and full-back did the best work, while the work of '94's half-backs was very commendable. It is uncertain whether the tie will be played off or not.

The Natural History Society, organized a week ago, held its first regular meeting Monday evening, with eighteen charter members present. The first business of the evening was the election of permanent officers, as follows: H. T. Shores, '91, president; H. M. Thomson, '92, vice-president; G. E. Taylor, '92, secretary and treasurer; directors, H. T. Shores, '91, chairman; F. A. Smith, '93, clerk; E. P. Felt, '91, W. W. Gay, '91, J. B. Knight, '92, and I. C. Greene, '94. Then followed a general discussion of plans, and a valuable talk by Professor Fernald upon the possible lines of work for the members. The object of the society is in part to furnish a means for enlarging the college collections, and also to promote a greater interest in, and a keener observation of natural objects, and the sciences connected with them. The members are starting in with a will, and if the interest is kept up its possibilities for study and advancement are unlimited. The programme for the next meeting, which is to be held Nov. 17, is as follows: The question to be considered is, Why do I choose this line of work? Botany? F. H. Plumb; Mineralogy? W. W. Gay; Entomology? E. P. Felt; Oology? H. T. Shores; Ornithology? I. C. Greene. The speakers are limited to ten minutes each. After their arguments there will be a general discussion upon the subjects.

FOOT-BALL.

AGGIE, 18; SPRINGFIELD TRAINING SCHOOL, 12.

On Saturday, Nov. 1, our eleven visited Springfield and defeated Stagg's team, by a score of 18 to 12, in a game characterized by brilliant playing on both sides. Both teams used the V to great advantage, and the side that secured the ball the greater number of times was sure to make the longest gains. For the Aggies, Hull played a phenomenal game, his long runs being somewhat marvelous, while Willard and Ranney played their respective positions finely. For the Springfields, the playing of Stagg, Ball and Corbett was especially noticeable. The game was called at three o'clock, the ball being in possession of the Springfields, who opened the game by a succession of Vs forcing the ball to the 20-yard line. Aggie then secures the ball and try a V, going completely through the Springfield team, and Hull makes a phenomenal run securing a touch-down, Paige kicking a goal. Score, Aggie, 6; Springfield, 0.

Both teams line up in center of field, the Springfields having the ball, they gain ten yards by means of the V. Ball and Corbett then make good gains, followed by Stagg who makes a gain of five yards. Another V and Ball gains fifteen yards. Still another V and Ball makes a touch-down. Stagg fails at goal. Score, Aggies, 6; Springfields, 4. The teams line up on 25-yard line. Aggie again breaks through the line by means of V, and Hull makes another gain of sixty yards but being winded is downed by Stagg near the 20-yard line. Several more short rushes and the ball goes to the Springfields who immediately lose it on four downs. Aggie gains thirty yards with the V and loses the ball by a fumble, but recovers it in the next scrimmage.

Captain Hull orders the wedge with good results until he is able to carry the ball over the line and make a touch-down, Paige kicking a goal. Score, Aggie, 12; Springfield, 4. During the remaining ten minutes, the ball was forced alternately up and down the field by both teams until time was called by the referee.

Second half. Aggies have the ball. Paige fumbles a long pass. No gain. Hull takes ball and makes ten yards around the end. Paige takes ball. No gain. Capt. Hull again orders the wedge and the ball is forced rapidly down the field, until Hull carries the ball over and makes the third

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touch-down. Paige kicks goal. Score, Aggie, 18; Springfield, 4.

Ball goes to centre of field. Springfield has the ball and by means of the V forces the ball down the field ten yards at a time. until they have secured a touch-down. No goal. Score, Aggie, 18; Springfield, 8. They line up on the 25-yard line, Aggie having the ball. Hull and Paige make short gains but ball is lost on four downs. Stagg and Ball make good gains around the end, and by means of the V, Seerley makes a touch-down. No goal. Score, Aggies, 18; Springfields, 12. During the remaining time the Aggies played an up-hill game, keeping the Springfield team in close proximity to the 25-yard line, in spite of the powerful Vs, which confronted them. The teams lined up as follows:

AGGIES.		SPRINGFIELDS.
Carpenter,	left end,	Garland,
Graham,	left tackle,	Barton,
Ruggles,	left guard,	Corbett,
Baker,	centre,	Naismith,
Ranney,	right guard,	Smith,
H. M. Howard,	right tackle,	Van Leuvin,
Rogers,	right end,	Black,
Willard,	quarter-back,	Keller,
Hull,	right-half,	Seerley,
Paige,	left-half,	Ball,
Starr,	full-back,	Stagg.
Howard, E. C., in place of H. M., injured.		
Referee, Mr. McKee of Springfield.		
Umpire, Mr. Magill of Amherst.		

DEAR EDITORS:—On my visit to old Aggie not many days since I saw my *Alma Mater* for the first time since graduation. What a change has taken place since my day. The principal buildings of that time are but a small fraction of the College as it now stands. Old South College, burnt a few years ago, has been replaced by an edifice that would be a credit to any institution. Those of you who room in the new building enjoy advantages of air and light unknown to my college life. Then, what an addition the new chapel is. When I delivered my commencement oration it was from the low, small stage in the Old Chapel. That chapel room was larger then than now, as part of it has been partitioned off for a zoological laboratory. The auditorium of the new building will accommodate three times the number that the old one would, and the library on the lower floor of the former has for its nucleus, the one that used to be in the north end of the present Reading Room.

Speaking of the Reading Room reminds me. During my visit I went into the one in North College and looked over the different college papers, as was my wont



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when in college. Glancing over the pages of the *Amherst Student* the word "Aggies" caught my eye. I read the article, which was one referring to the time when some Amherst men set fire to a barrel of tar that was to be used in laying a walk, and our fellows got the credit for it. I had to laugh as I read. Is tradition, then, so imperfect in Amherst College? An incident of my college days crossed my mind. The Intellectuals, as we called the Amherst College students, had won a ball game but lacked the means wherewithal to celebrate. Besides the two twelve-pounders now on our campus there was then a small cannon, a six-pounder. After dark that night some fellows from the old college came up and took this small gun down town, as they thought unobserved, but one of our fellows had espied them, and procuring a rat-tail file and a hammer followed them until they stopped. While they were trying to load the piece, the Aggie stepped up to the breach, found the vent, drove in the file and broke it off, and then vanished in the darkness. The purloiners of the gun tried to have the file bored out, but of course this attempt was a flat failure. They paid for the cannon a good round sum, up in the hundreds of dollars. Aside from a few incidents which, like this generally resulted in their discomfiture, their relations to our fellows were friendly and I suppose they are so to-day.

The Drill Hall is an innovation. We used to drill in the hall in the top of Old Chapel when the weather prevented drilling on the campus. I am told that this room is now filled with an interesting collection of implements and enriositys brought from Japan by Prof. Brooks, but I was unable to spare time to go in there. The Drill Hall contains all that is left of the six-oared shell in which our crew won the championship of American colleges in 1874, and in the Commandant's office are the old crew's flags, but the once bright maroon has faded to pink, and even the white is yellow with age.

The West Point uniform worn by the cadets is new to me, for our uniform was a Panama hat and a flannel shirt with M. A. C. worked inside a shield on the breast, and worn with our ordinary clothes, but now I hear that the Battalion will assume the regular army uniform next term.

When Time shall have plied his wasting hand till not one dear old face is left to refresh memory, and each old building that we knew shall have crumbled to dust and new ones have taken its place, to the last

survivor of the early day the college will be his Mecca still, still sending out her sons to take their places in the ranks of mankind, her colors still floating proudly where the strife of good and evil rages hottest, "till the stock of the Puritans die."

WHEN THE CHAPEL BELL RINGS IN THE MORNING.

The Freshman opens his sleepy eyes,
And gazes about him in sad surprise,
On the dreary earth and the leaden skies,
As from bed he slowly prepares to rise,
This chilly November morning.

He dare not delay—though he sat up late
The night before, and crammed his pate
With all sorts of stuff, at a furious rate;
And now he is sleepy, but must not wait,
For at seven o'clock—as sure as fate,
The Chapel bell rings in the morning.

It calls alike to young and old,
It hurries them up, both timid and bold,
And tells them a tale that has oft been told.
That the steak will be dry, and the coffee cold,
If they don't fly around in the morning.

The lucky fellow whose problems are done,
And whose Latin was learned ere the set of the sun,
Who was out last night, for a brisk little run,
Flies cheerfully off as if shot from a gun,
At quarter past eight in the morning.

But if x = breakfast and y = prayers,
What = the Freshman, as up and down stairs,
Plods slowly along, while his countenance wears
A look of distress, and of manifold cares,
At half past eight in the morning.

For the chemistry notes which he copied last night,
To the four winds of heaven have taken their flight,
And to borrow, his conscience says, would not be right,
Especially should he get caught, and the fright
Of the thought makes him look in the cold gray light,
Quite peaked and pale in the morning.

Ding, dong—ding, dong—goes the chapel bell,
And many a tale its tongue could tell,
But it keeps its secret remarkably well,
And keeps the boys on time as well,
At every hour in the morning.

And for Sunday service it rings out clear,
Sending its music far and near,
Calling so loudly that all may hear,
But not all obey its summons, I fear,
At half after ten in the morning.

MAILS.

Mail leaves college for P. O. at 1 P. M. and 7 P. M. on week days. On Sunday it leaves at 4-45 P. M. At the P. O. mails close as follows:

Boston,

7-45, 8-30, 10-15 A. M. ; 4-00, 6-45, 7-45 P. M.
New York, Western and Southern States,
7-45, 10-15 A. M. ; 4-00, 6-45, 7-45 P. M.
Northampton, Springfield and Western Massachusetts,
7-20, 10-15, 10-45 A. M. ; 6-45 P. M.
Northern way, N. L. Northern,
8-30 A. M.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 3 to 4 each afternoon excepting Saturday and Sunday.

The college library will be open from 2 to 4 P. M. and from 7 to 8 P. M. each day, excepting Saturday and Sunday. On Saturday it will be open from 9 to 12 A. M. and from 2 to 4 P. M., and on Sunday from 2 to 3 P. M.

President Goodell will be at his office from 2 to 4 P. M. every afternoon except Saturday and Sunday.

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PRAYER MEETING TOPICS.

Nov. 13.—Humility. 1 Pet. 5:1-7. A. R. Streeter.
 Nov. 16.—Burden Bearing. Gal. 6:1-10; Rom. 15:1-7. A. H. Sawyer.
 Nov. 20.—Right Thinking. Phil. 4:4-9. H. M. Thomson.
 Nov. 23.—Home Missions. Matt. 22:1-10. H. T. Shores.

ALUMNI.

E. R. Flint, '87, recently of the State Experiment Station, after a pleasant voyage across the Atlantic, and a week's travel on the Continent, arrived safely in Göttingen and is already at work. Mr. Flint was the first man to matriculate at the University for the Winter Semester. He will make chemistry his major study, with physiological botany and geology as minors.

H. E. Chapin, '81, Importer of Sheet Music and Musical Instruments, 402 Main street, Springfield.

J. S. West, '90, will take a post-graduate course in Chemistry.

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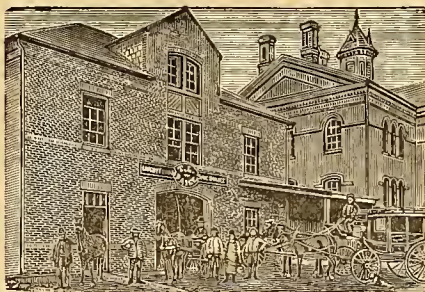
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J. STURGIS. BOSTON.

AGGIE LIFE.

VOL. I.

AMHERST, MASS., NOVEMBER 26, 1890.

No. 5

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A TRIP TO WEST POINT.

It having been the custom of each Senior class in connection with, and for the furtherance of its military instruction, to take a trip to Springfield, or some neighboring city, the class of '91 decided to make a tour to West Point, it being not only a place of such historic importance, and the seat of the United States Military Academy, but also the graduating place of our Commandment of Cadets.

Leaving Amherst at 5-19 P. M., Oct. 1, a happy party of eighteen, we reached New Haven at a little past eight o'clock. But little could be seen of the intervening country as everything was wrapt in darkness, and hushed in silence, broken only by the rush and clang of the train.

After spending the evening in various ways about the city, all repaired to the C. H. Northam, then in the harbor. It was a mild, serene, autumn night; the sky was nearly cloudless and the winds were silent. The moon, then past her full, arose in all her beauty, and with the aid of the stars, presented a magnificent spectacle.

At one o'clock the boat started for New York. After watching the beautiful scenery for some time, one after another retired to his berth. All arose early in the morning to observe the beautiful scenery, in the vicinity of New York Harbor. The electric lights made a beautiful appearance.

Arriving at New York about six o'clock, we immediately got breakfast, and, after spending the intervening time looking about the city, we went aboard the elegant steamer New York for the trip up the Hudson.

Words do not exist that can do justice in describing the scenery along the Hudson River. There is great variety in the landscape. After leaving New York, we see for some distance the gradual sloping sides of the hills on both banks, here and there a town, and various other points of interest, one of which is the residence of Jay Gould, situated on the east bank and plainly visible from the boat.

After having travelled about forty-five miles, we passed between a series of hills, whose frequently precipitous sides rise often abruptly from the water's edge to moderate heights; and have to a lover of nature an impressiveness and grandeur rarely

equalled. After passing through a few miles of this attractive scenery, we arrived at West Point, but how surprised to find not the fortified place surrounded by breast-works that we had imagined, but as it appeared from the boat, simply a few buildings situated on a hill some distance above the water's edge.

Leaving the boat a little before noon, we walked up the hill and soon reached the office of the Colonel, who very courteously afforded us every facility to investigate and study the system of discipline and administration of the corps of cadets. We found West Point situated in a bend of the Hudson. The river approaching it from the north suddenly turns to the southeast for about one-fourth of a mile, and as suddenly resumes its southerly course leaving West Point in the southern angle of the bend.

This government tract comprises about twenty-one hundred acres, and was purchased in 1790 from a son of one of the patentees. During the War of the American Independence, obstructions were built across the river at this point, to prevent its navigation by the British.

The northern side of the town is curved so as to form a small gulf on the north-western side. The gently sloping sides command a fine view up the river. The eastern side is straight, and has for some distance a natural mound, facing the river, of a few feet in height which is backed up by a steep mountain wall.

The Military Academy is situated on a tableland about one-hundred and sixty feet above the river, and is bordered on the west by rocky heights, upon the nearest and most important of which are the ruins of Fort Putnam, of such historical interest, built during the Revolutionary War. On the south, the precipitous sides approach the river leaving only room enough for a few houses and a road leading southward.

The principal buildings of the Academy are situated on the southern end of the tableland, and consist of two dormitories, a gymnasium, commissary department, chapel, library, mess-hall and some others. Immediately around the dormitories, it is somewhat barren, but to the northeast of of them is a broad expanse of level land which, being well grassed over, except on the parade ground, affords an excellent

place for sports and recreation. In the north-western side of the town is a little village containing the necessary barracks and store-houses for the United States troops stationed there to command the river. The officers' quarters are mostly situated upon the road leading southward from the dormitories.

Turning now to the cadets themselves, we found them an erect, healthy and well disciplined set of young men, who seemed to appreciate the true object of the military department. The close-fitting, shapely military clothes, which they wore continually, seemed to have assisted in habituating the cadets to that erect, healthy position of a soldier so manifested by them.

Correctness of discipline and deportment is required of all, and special attention is paid to rules of military etiquette. All officers may, and the "officer of the day" is bound by his honor to report all violations of the rules in vogue. When the battalion is formed to march to supper, all the violations occurring that day are published together with the name of each transgressor. Each cadet may have one-hundred and fifty such demerits in six months before dismissal from the academy. If the offence be deemed worthy, he is put into the "light prison," which means practically debarring him from all society, save at recitation and meal times, for a certain number of days as the case demands.

Passing into the cadet's rooms, we notice the systematic arrangement of all clothing, bedding, furniture, and the like. "A place for everything, and everything in its place" was the rule. The floors are without carpets, and the chairs simple wooden ones.

The cadets "fall in" at the bugle call, to march to and from meals as well as recitations. No one is allowed to rise or sit in his chair at the table except by command. Their food, cooked at the mess-hall, is wholesome in quality, and sufficient in quantity.

Again, we noticed in a marked degree the recognition of seniority, as well as the dignity of the officers in charge. Every cadet was very careful to salute all officers that he met. Another commendable thing was what is rarely met with in other institutions, namely, the spirit of democracy, which is very noticeable. No hereditary differences of rank or privilege are recognized either by the cadets or professors. Each man is rated for what he is really worth.

It is a somewhat prevalent idea that the

education at West Point is wholly of a military character, but this is not so. The United States Government, believing that the best preparation for professional service of any kind, either in peace or war, is acquired by a thorough culture in all manly qualities, gained only by a general system of education, and an interpretation of the best principles, has maintained the academy upon that basis.

Yet their military education is not deficient either in theory or practice. Besides the various drills such as infantry, heavy and light artillery, and cavalry, they are trained in constructing bridges and field fortifications, and in fact, in everything that would enter into active military duty. During a part of the summer, the cadets are encamped in tents upon the post, and made subject to the police and discipline of an army in time of war.

Not the least noticeable among the many attractions were the many relics of past wars, especially of the Revolutionary and Mexican Wars. In the museum were all sorts of ancient and modern appliances, such as guns, swords, projectiles of all kinds, and many others. There were guns of various shapes and sizes scattered over the entire post, each having its own remarkable history. Another attraction was the chain that was stretched across the river to prevent the passage of British ships. There are upon the post several monuments erected to the memory of various military heroes.

At four o'clock in the afternoon of the day we arrived, the cadets were fallen in for their regular drill. Divisions of the battalion were drilled at standing gun, sea-coast, siege gun and mortar drill. Without going into detail, it should be said that in all the drills, the cadets showed that uniformity of action, promptness and precision of execution only acquired by young men having active minds, an unflagging interest, and hard, constant practice. Their marching was excellent, and their respect for authority manifest.

The drill being over, we walked to Highland Falls, a town situated about a mile and a half south of West Point, where we were hospitably entertained for the night.

Waking up the next morning, we found it raining quite hard, but after having breakfast, we courageously returned to West Point, and after reviewing again the various points of interest we passed to the "riding hall," where the cavalry drill was to be held owing to the inclemency of the weather. The horses having been

brought in, the Senior class entered, and, having mounted, marched for some time. They then evinced their skill by the various feats which they performed with their sabres while their horses were running and vaulting horizontal bars at regular intervals, all corresponding to the various "points" and "cuts" involved in actual cavalry fighting. After removing their sabres, the flexibility of their bodies was shown in their ability to mount and dismount their horses while running. While there, we had occasion to notice that pluck and persistency said to characterize West Point cadets.

To the casual observer, West Point appears to be a strongly fortified place, and as a natural fortification this is true, since it is bounded on both the east and west by high mountain walls, and is practically inaccessible, save by water. Yet the guns in use there, are said to be entirely incompetent to resist attacks from the modern improved ships.

Upon the northern side of the post is to be seen a sea-coast battery having guns of various sizes, the largest of which has a fifteen inch bore. Situated a little to the south-west of the seacoast is a siege gun battery and several mortars, all of which point up the river. Situated upon the south-eastern point of the post is another seacoast battery having guns pointing in both directions of the river.

Having seen the position of West Point, situated as it is upon the bank of one of the most beautiful rivers in the world, and comparatively isolated from the surrounding country, a place associated with some of the most exciting events of our national history, and sacred to the memory of so many Revolutionary heroes, how eminently fitting that such a place should be chosen for a Military Academy to educate the American sons.

After having been there about one day, and obtaining what insight we could of the system of administration, although the discipline seemed to us rather severe, we did not at all wonder that the graduates of the West Point Military Academy take such high rank in after life.

Leaving West Point about two o'clock, we steamed to New York in about three and one half hours. Spending the night and next forenoon in the city, we took the train home at two and reached Amherst about eight, thus returning safely from a trip that was pleasant and profitable, and long to be remembered.

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A THANKSGIVING DAY.

Last Thanksgiving day I was seventy-five miles away from home, at a certain eastern college.

It happened this way, as we had only a few days vacation at this time, six of us decided to remain at college and work during the vacation. The weather was all that could be desired, cool, clear, and frosty.

When Thanksgiving day came we resolved to celebrate. Procuring some old rifles, in place of shot-guns, and old shells loaded with bullets for ammunition, we started early in the morning after wild ducks, which were said to be plenty.

The country around the college is rather flat and marshy with little hills on the east. It is rather thinly settled by farmers. After a brisk half-hour's walk across fields and meadows we came to an isolated barn near the woods. As no owner was in sight we investigated and found a cross old cow with a calf in the barnyard, which was surrounded by a high fence. After a hurried consultation we decided that milk was what we wanted, especially, after I offered to milk the cow, if the other fellows would hold her and the calf.

We laid our guns aside and prepared for action. I found an old tub and a milk pail, while the other fellows, after repeated trials, succeeded in throwing an old rope over the cow's horns and hitching her to a post. While one held the calf near me I sat down on the old tub to milk, and the others gathered around to watch the operation.

All went well till the pail was nearly half full, then the cow kicked, the bottom of the tub fell in, and the rope broke. We all came in for a shower bath of milk, and the cow energetically assisted the other fellows out of the yard, at the same time rolling the tub and myself into a mud-puddle. I soon freed myself from the old tub and started for the fence with the cow after me. I was never a good athlete, but I cleared that fence and several rods of adjoining territory at a single bound. I acknowledge that I received material assistance from that cow, though I forgot to thank her at the time.

After resting awhile, we brushed off the milk and dirt adhering to our garments, took our guns, and started after ducks.

After several hours' tramping, we sighted a duck, and after disabling it with several shots at close range, succeeded in killing it, by wringing its neck. Strange to say, then only did we discover that it was a

domesticated fowl.

We visited several houses after milk or water, and tried to give that duck away or else abandon it. All to no purpose; no one wanted it and if we tried to leave it, we were reminded of our *game*.

Finally we threw the duck into a swamp and started for dinner. Strange to say, we enjoyed that dinner very well, though we suffered later. Next day a lawyer notified us to settle at once for milk and a duck. We settled by paying ten dollars for our fun.

A SENIOR LAMENTATION.

"A little knowledge is a dangerous thing,
Drink deep or taste not the Pierian spring."
So said the poet in a thoughtful mood,
And all mankind hath said his words were good.

So when we came to college,
About three years ago;
It was with the intention,
All hidden things to know.

We climbed the hills of knowledge
With steady steps and true;
And with each fast succeeding term,
Nearer the goal we drew.

As green and verdant Freshmen,
Geometry we downed;
As gay and reckless Sophomores,
At Chemistry we ground.

In Junior year with Physies
We had a toughish fight;
At English Lit. and Rhetoric,
We worked with all our might.

So we vanquished every study,
And thought our trials done,
When we came back as Seniors,
But, alas, they'd just begun.

For we met a fiery dragon
Breathing blood and slaughter round;
Psychology they called him,
And his like we ne'er had found.

So with him we joined in battle,
We who never knew defeat;
But we've found him very mighty,
And we almost gave up beat.

For the content and the precept
Sadly muddle each poor head;
While our blunted sense-perceptions,
No new light upon them shed.

Thus we struggle with thought-knowledge,
And many flunks we make;
Though sometimes a brilliant "tenstrike,"
Will the dismal record break.

Whether we will pass our "exams.,"
It would need a seer to say;
Though we think if cribs are plenty,
It is possible we may.

Now as we draw the curtain
Over this our tale of woe;
To our friends the under classmen,
We would speak before we go.

"Do not let pride rise within you;
Do not think you know it all;
For when you meet Psychology,
Pride will surely have a fall."

AGGIE LIFE.

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Shall we have musical instruction this winter? This question has been put to the students, indirectly at least, and it is for them to answer, as there is little doubt but that we can have such instruction if we will agree to support it by our presence.

Two years ago most of the college were deeply interested in music, last year a good number started in, but toward the last of the course the attendance was rather slim. No one will deny the value of such instruction, even though a man does not become a singer, the practice of singing develops the vocal powers, and gives a man better control of his voice.

We have considerable musical talent in college that needs developing, and we hope, that next winter term a large number will start and continue through the course.

Within the last few years, as the various classes have passed through Mechanics and Physics, they have been told of various machines, illustrating the laws under consideration, that were in the adjoining room; but at that time they were out of repair, or else, a few experiments were tried with varying success.

While we don't intend to criticise unjustly, still we must express the opinion, that these machines should be put in good order at once. They are really good machines, and it would not cost very much to put them in working order.

The trouble with many of them, is not the result of abuse, but is caused simply by the drying and cracking influence of the atmosphere. For example, the packing around the joints has become loose, a screw is lost in this machine and another needs a little putty. The college should use all it has to the best advantage, before it can expect more.

PRAYER MEETING TOPICS.

Dec. 4. Thanksgiving, Ps., 107: 1-22;
Eph. 5: 20. H. M. Thomson.

Dec. 7. Home Missions, Matt. 22: 1-10.
H. T. Shores.

GLEANINGS.

New locks have been put in the reading-room.

The dam completed, now a pond gladdens our eyes.

Drill has been changed from 4 to 5 P. M., to 3:30 to 4:30 P. M.

A. M. Belden, formerly of '91, made us a brief visit last week.

A picture of the Freshman foot-ball team was taken last Thursday.

Only three weeks before examinations. Are you ready for them?

Nov. 15th, Major Ruggles inspected quarters in place of Lieut. Cornish.

Nov. 19, the Sophomores have some practical instruction in drainage.

Boardman, '94, sprained his ankle in the game with the High School eleven.

Nov. 19, the Boarding club met and elected several men to membership.

Sullivan's arm, which was dislocated several weeks ago, is improving very fast.

A number of our men witnessed the Amherst-Dartmouth game last Wednesday.

Two student lamps have caught fire and been thrown out of the window within two weeks.

Last Sunday the boarders at Mrs. Gilbert's and Mrs. Kellogg's enjoyed three meals.

We would notify all future subscribers that our supply of Nos. I and II is exhausted.

Nov. 12 and Nov. 19, drill postponed until the following Friday, on account of foot-ball.

J. H. Kellogg, '93, has cut short his course here and returned to his home at Hartford, Conn.

Nov. 14th, Prof. Fernald, Prof. Brooks and Lieut. Cornish attended the alumni dinner at Boston.

Now is the time to begin training in the gymnasium for the field day to be held early in the spring.

By special request the missionary meeting, which was to be held last Sunday, was put over two weeks.

Loring, Herrero, and Castro, all '90 men, are engaged in making a topographical survey of the Botanic grounds.

Is there a patent on that curious combination of a bicycle and baby carriage, which we see sailing around here lately?

Thompson, '94, has found it necessary to leave college, being afflicted with ill health. He resides here in Amherst.

The game to have been played with Worcester Tech. the 15th was cancelled, owing to the disbanding of the Worcester team.

The new uniforms were inspected last Monday. Evidently they have become mixed up as some of the *fits* are remarkable.

Nov. 19, President Goodell's twenty-dollar prize for the best essay on the trip to West Point, was awarded to H. J. Field.

Nov. 22 a number of Aggies witnessed the two games at Springfield. Scores, Harvard, 12; Yale, 6. Stagg's team, 26; Amherst, 0.

Clark, '92, and Hawkes, '93, are the Y. M. C. A. delegates to the College Students Bible Institute, to be held at Amherst College Nov. 28, 29, and 30th.

Thomson, '92, who was badly poisoned by dogwood recently, is able to be with us once more. We all agree that an abundance of fat is unbecoming to his features.

Mr. William H. Bowker, '71, and Dr. John Cutter, '72, have offered a prize of Fifteen Dollars to the man in the senior class, who writes the best military essay for commencement.

The following officers were elected by the Base-ball directors for the ensuing year: Capt., W. C. Paige, '91; business manager, G. B. Willard, '92; and C. H. Barton, '94, Freshman director in place of Drowne, '94, who left college.

Nov. 20, '93 elected its *Index* Board. The editors are as follows: A. E. Melendy editor-in-chief; F. H. Henderson, business manager; F. S. Hoyt, artist; F. A. Smith, C. A. Goodrich, H. C. Davis, F. T. Harlow, associate editors. G. F. Curley was elected but resigned.

Nov. 21, W. I. L. S. discussed the question, Resolved that the McKinley bill is a benefit to the farmer. 1st aff. Felt, '91; 1st neg. Carpenter, '91. 2nd aff. Emerson, '92; 2nd neg. Park, '94. Weight of argument and the merits of the question were in the affirmative.

Dr. C. A. Goessmann has been elected a member of the American Academy of Political and Social Science, which numbers among its membership some of the most distinguished scientists in America. This was simply the recognition of true merit, and was unknown to Dr. Goessmann. The College is certainly very fortunate in possessing such an able instructor.

Nov. 17th, the Natural History Society of M. A. C. held its second meeting. The question discussed was, Why do I take up this branch of Natural History. Gay, '91, spoke on Geology and Mineralogy several minutes. Felt, '91, on Entomology; Shores, '91, on Oology; I. C. Green, '94, on Ornithology; Knight, '92, spoke of Astronomy, Chemistry, and the vertebrates as inviting fields of research. After some debate on the questions by the house the meeting adjourned.

The Trustees at a recent meeting voted to accept the National Grant, and passed a formal order upon the State Treasurer for the money now in his hands. They also voted to appropriate \$6,000 of the amount for the purchase of apparatus and books for the purpose of instruction in the College, to be expended under the direction of the Faculty. They also voted that Pres't H. H. Goodell, having been elected President of the Association of Presidents of Agricultural Colleges and Experiment Station Directors, be granted such leave of absence, as may be made necessary in the discharge of his new duties during the year.

ALUMNI MEETING AND BANQUET.

A meeting of the Massachusetts Agricultural College Alumni Club of Massachusetts was held at the American House, Boston, Nov. 14th at 6.15 P. M. Dr. Austin Peters '81 called the meeting to order. In the absence of the secretary, Dr. M. Bunker '75, Mr. F. H. Fowler '87 was appointed secretary pro tem.

After remarks by Dr. Peters, Mr. W. C. Parker '80 moved that the old association be merged into the new. This motion was seconded and carried unanimously. President Parker then took the chair and after stating the circumstances leading to the incorporation of the former organization under the name of the M. A. C. A. C. M. called upon Mr. Fowler, clerk of the corporation, to read the records of the meeting for incorporation held Oct. 28, 1890, which he did and those records were approved.

The officers appointed for the coming year are: W. C. Parker '80, president; C. L. Flint '81, treasurer; F. H. Fowler '87, clerk; Dr. Austin Peters '81, W. H. Bowker '71, F. G. May '82, directors. Office of the clerk of the corporation, Commonwealth Building, Boston, Mass.

The association was chartered for the purpose "of advancing Scientific Agricultural Education, promoting the interests of the Massachusetts Agricultural College

and perpetuating the good fellowship among the alumni and former students of said institution." The names of charter members are: W. C. Parker '80, C. L. Flint '81, F. H. Fowler '87, Dr. Austin Peters '81, F. G. May '82, W. H. Bowker '71, Charles W. McConnel '76, W. A. Macleod '76, H. S. Carruth '72 and J. P. Wagman.

At 7-30 the club adjourned to the dining hall where about sixty-five alumni were present. The Faculty was represented by Professors C. H. Fernald, W. P. Brooks and Lieut. L. W. Cornish. *Aggie Life* was represented by O. V. B. Lage '91. Mr. W. H. Bowker '71 presided. At 8-30 the president called the banqueters to order and showed in a few words the improvements that the college has made this year and expressed his hope that soon a few more changes would be made. Prof. C. H. Fernald said that now we have come to a position where we can do something. Two new professors have been added, Dr. J. B. Paige '82, professor of Veterinary and G. F. Mills, professor of English.

He also spoke of the advantage of laboratories in the Zoological and Botanical departments, which have been completed. About the course of study, he thinks that it is better to keep the present course having a post-graduate course added to the college. Mr. A. W. Dickinson '74 spoke of the alumni of New York and hopes that the college in a few years will be able to do good work in athletics. Lieut. L. W. Cornish spoke of the improvements in his department, and thought that the college should have a prize for the best military essay. Prof. W. P. Brooks '75 showed the improvements made in the agricultural department and thought that electives were advisable and also a post-graduate course. Mr. Whitaker, editor of the *New England Farmer* spoke on the advantage of an agricultural paper on agriculture. Dr. J. C. Cutter '73 spoke upon Japanese development. Mr. W. C. Parker '80 thanked the persons present for the honor conferred upon him and said that he received over 90 favorable replies, thus showing the interest of the alumni of M. A. C. in the meeting.

Mr. W. H. Bowker read letters from President H. H. Goodell, Prof. Levi Stockbridge, C. Wellington '73, C. D. Warner '81, C. A. Goessmann, C. S. Walker and G. F. Mills thanking for the invitation and declining on account of previous engagements. Then followed speeches by F. Obes Nsjoke, C. E. Beach '82, J. M. Smith '74, R. W. Lyman '71, Dr. M.

Bunker '75 and O. V. B. Lage. The latter spoke on the advantage of a college paper, and thanked the club for the invitation in name of the editors of *Aggie Life*.

The gathering of the 14th was a success. We hope that the alumni of M. A. C. will keep up the interest that they always have for their *Alma Mater*.

The W. I. L. S. met Nov. 14, to discuss the question, Resolved, that water has done more damage than fire.

The debate was opened in the affirmative by Mr. Shores, who said that this is an age of statistics, but the figures are so large that at a time and place like this we cannot comprehend them. He cited the damage done in Mass. by river freshets and cloud-bursts during the past few years, in destroying bridges and highways. Snow was considered as a form of water which often crushes roofs and bridges by its weight. Large losses of life and property have been caused in Holland by inundation at different times. The speaker thought that more persons were drowned annually than lost their lives by fire; and that the greatest damage water has ever done was caused by "the flood" in the time of Noah.

Mr. Hawkes, the first speaker in the negative, gave figures to show the amount of damage done in some of America's greatest fires. He spoke of the general damage of prairie and forest fires in the West; also of the relative damage from fire and smash-up in railroad accidents.

Mr. E. J. Walker, the next speaker, thought the loss of life by fire and water about equal. One great damage of water is in causing spread of disease in the potato and other field crops. Excessive rains leach the soil. The cause of the majority of disastrous railroad accidents he attributed to washouts. In cases of fire in warehouses and stores the damage by water is often greater than by fire.

Mr. C. L. Brown closed the debate in the negative using as an argument the greater demand of public opinion for fire insurance companies, than for water or marine insurance companies. Then we are safer from damage by water than by fire; for we can locate away from rivers liable to freshet, while fire we must have right in our houses. A single spark may promote a great explosion, but a drop of water can do but little harm.

The question was then thrown open to the house and many present took part.

The weight of argument and merits of the question were decided in the negative. One good feature of the meeting was that the floor was not without a speaker long at a time, and each one had something to say. All interested in literary work are invited to be present at our meetings.

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AMHERST, MASS.

CHICAGO, ILL., Nov. 14, 1890.

The alumni and former students of the Mass. Agricultural College assembled here to form a "Western Association," gladly avail themselves of the presence of Pres. Goodell to send through him a hearty greeting to the students now in attendance.

We are glad to learn of the prosperous condition of the college, and proud as we are of its past history, we trust its future will be even more brilliant.

While endowment, building, apparatus and faculty are necessary for the existence of a college, its actual standing will be determined by the character of, and the work done by its students. On your shoulders rests the honor of the college, guard it as a sacred trust!

For the Association,

L. R. TAFT, Sec.

It was with a feeling of pride that we listened to the greeting of the Western Association of our Alumni, by the mouth of President Goodell. Under the influence of his stirring words, every man present realized that the honor of the college rested on him, and made stronger resolutions to quit himself like a man and never betray the sacred trust.

FOOT-BALL.

AGGIE '94, 66; AMHERST HIGH SCHOOL, 4.

The Amherst High School eleven played an interesting game with the Aggie Freshmen eleven on Aggie Campus Tuesday afternoon.

The teams lined up as follows:

HIGH SCHOOL.		AGGIE.
Weaver,	centre,	Smith,
Hitchcock, '91,	l. guard,	Boardman,
Atwood,	l. tackle,	Austin,
Adams,	l. end,	Cutter,
Gold,	r. guard,	Manley,
House,	r. tackle,	Park,
Hitchcock, '93,	r. end,	Gifford,
Emerson,	quarter-back,	Duffield,
Haskell,	l. half,	Green, I. C.,
Bias,	r. half,	Starr,
Fletcher,	full-back,	Toole,
	substitute,	L. H. Bacon.
AGGIES.		HIGH SCHOOL.
Goals.	Touch-downs.	Touch-down.
Starr, 4	Starr, 4	Adams, 1
Toole, 5	Gifford, 5	
	Green, 4	

The game was opened with the High School having the ball which they soon lost by four downs. Aggie then made a touch-down and goal in two minutes after play. This was followed three minutes later by a second touch-down and goal by Starr. Starr being injured was substituted by L. H. Bacon. Adams secured the ball when Starr was injured and made the only touch-down for the High School. Aggies' pretty work with the V and several good gains by



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Gifford brought them three more touch-downs and a goal in the first half. Score, 26—4.

At the opening of the second half, Starr was substituted for Toole. Aggie had the ball but soon lost it. A punt from Fletcher brought the ball inside the twenty-five yards line very near Aggies' goal, but by the plucky work of Starr, who carried the ball across the field, the sixth touch-down was scored.

Good work by Starr, Gifford and Green obtained eight more touch-downs and three goals for Aggie. The features of the game were the tackling of Bias and Haskell and punting of Fletcher for the High School, and the good all round team work of Aggie. Score, 66—4.

AGGIE '94, 18; AMHERST '94, 0.

The teams lined up, Amherst having the ball but after a series of ineffectual rushes the ball went to Aggie on four downs. Aggie now began to make telling rushes through Amherst's line, which soon brought the ball to Amherst's twenty-five yards line. Aggie now lined up for a wedge, simply for appearance, while Starr took the ball, carrying it around Amherst's left end making the first touch-down. No goal.

Amherst now punted the ball from their twenty-five yards line, but it was caught by Poole, and rushed into Amherst's territory. Rushes by Parker and Toole soon carried the ball within ten yards of Amherst's goal, and in the next rush it was carried over the line by Starr. No goal. Again Amherst tried to rush the ball but they found Aggie's rush-line too strong, and on the third down resorted to a punt, which gave the ball to Aggie. Fine rushes by Aggie's backs secured the last touch-down of the first half a few minutes before the expiration of time. No goal. Score, 12—0 in Aggie's favor.

Aggie put the ball in play in the last half, making a good gain by a wedge. Amherst's rush-line now began to play a stronger game and soon had the ball on four downs. Amherst's men now tried the wedge, but found Aggie's rush-line equal to the occasion. At this period of the game Parker was injured while rushing the ball and was substituted by Howard. The ball now changed hands several times on four downs but Aggie soon began to use the wedge and after successive rushes the ball was carried over the line by Starr, making the last touch-down of the game. Goal was kicked by Starr. Score, 18—0.

Amherst now played a strong game but was unable to carry the ball outside of

Aggie's twenty-five yard line before the time was up.

For Amherst, Munson and Haskell did good work, while Aggie's team was commendable throughout, Starr and Parker's playing being excellent.

Teams lined up as follows:—

AMHERST, '94.		AGGIE, '94.
Howes,	centre,	Smith,
Snell,	r. guard,	Green,
Wood,	l. guard,	Boardman,
Munson,	r. tackle,	Parke,
Haskell, (Capt.)	l. tackle,	Austin,
Trask,	r. end,	Gifford,
Ward,	l. end,	Cutter,
Fletcher,	quarter-back,	Putnam,
Tucker,	l. half,	Parker,
Tyler,	r. half,	Starr, (capt.)
Ide,	full-back,	Toole.
Stedman, (sub.)		Howard, (sub.)
Time of game—1 hour.		
Referee—Willard of Aggie.		
Umpire—Jackson of Amherst.		

“THE ALUMNI AND THE COLLEGE” REVIEWED.

Your article “The Alumni and the College” while most admirable in many of its premises, reaches, I think, unwarranted and unwise conclusions.

The advantage and necessity of alumni representation on the Board of Trustees is set forth forcibly and well, but the arguments that justify representation do not necessarily justify domination. While the Board of Trustees should be fairly representative it should in essence, I believe, consist of *interested agricultural educators*, and upon that ground and that alone should the majority be selected. If graduates of the college can outstrip others as agricultural educators—as a number undoubtedly do—let them be put on.

As to alumni representation on the Faculty the article is even more extreme. I quote: “But as vacancies occur let them be filled with Aggie graduates.” This is exactly the same policy that has been pursued in some of our classical colleges, until it became notorious as a method of pensioning off dependent graduates. They, however, have awakened and to-day are rivaling each other in seeking the best brains, be they native or foreign. Shall we not profit by their experience?

In '82 the only endowment was the U. S. land grant fund, and with a faculty of but five, versatility was of prime importance to one who would fill a Professor's chair. Now with an increase of endowment of \$35,000 (soon to reach \$45,000) annually, with the co-operation of the State and Hatch Experiment Stations, it will be possible to enlarge the Faculty to such an extent, that each chair can be filled with a specialist. When a vacancy occurs ques-

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Mail leaves college for P. O. at 1 P. M. and 7 P. M. on week days. On Sunday it leaves at 4-45 P. M. At the P. O. mails close as follows:

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Massachusetts,

7-20, 10-15, 10-45 A. M.; 6-45 P. M.

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The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 3 to 4 each afternoon excepting Saturday and Sunday.

The college library will be open from 2 to 4 P. M. and from 7 to 8 P. M. each day, excepting Saturday and Sunday. On Saturday it will be open from 9 to 12 A. M. and from 2 to 4 P. M., and on Sunday from 2 to 3 P. M.

President Goodell will be at his office from 2 to 4 P. M. every afternoon except Saturday and Sunday.

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tion not the applicant as to his color, politics, or college, simply ask proof of pre-eminent fitness—if an Aggie, say “well done,” but appoint no one simply because he is an Aggie—it helps neither he nor the College, in fact, it harms both.

Scientific agriculture is still in its infancy yet the vast amount of investigation now underway will surely lead to a positive progress during the next decade. This will be a critical period for the college. Standing in the van-guard of agricultural education she will find her supremacy constantly contested by powerful and vigorous competitors—she cannot and must not jeopardize her proud position by any backward step. Let us hope that every vacancy in the Faculty will be filled by graduates—graduates who have proven themselves superior to all competitors.

C. F. W. FELT, '86.

ALUMNI.

A. L. Kinney, '86, of Lowell has been very sick with typhoid fever, but is now reported to be improving.

Walter H. Merritt, '87, of Amherst was married to Miss Mabel A. Lovett of Ware, Nov. 12.

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Prof. C. H. Barnard

AGGIE LIFE



J. STURGIS, BOSTON

AGGIE LIFE.

VOL. I.

AMHERST, MASS., DECEMBER 10, 1890.

No. 6

WHERE DO YOU BUY YOUR

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AN ENGLISH CHRISTMAS.

The date of Christ's birth cannot be certainly known, but it surely was not in late December, for that is the height of the rainy season in Judea, and shepherds would hardly have been watching their flocks by night on the hills at such a time. Milton in his Hymn on the Nativity describes a far pleasanter season for Christ's birth when he says:

"But peaceful was the night
Wherein the Prince of Light
His reign of peace upon the earth began.
The winds with wonder whist,
Smoothly the waters kissed,
Whispering new joys to the mild Ocean,
Who now hath quite forgot to rave,
While birds of calm sit brooding on the charmed
wave."

All Christian churches have agreed to celebrate the Nativity on Dec. 25th. The early churches made their Christmas festival to occupy the time of the old heathen festival of Saturnalia, which occurred at about this time, when the sun, having arrived at the winter solstice, began again its northern journey and promised a return of life in wood and field and stem.

Of all the nations that keep Christmas as a holiday, there is none more joyful in it than the English. They are not content with a single day's merriment but continue it from All-Hallows eve to Candlemas day; the working people however making the most of Christmas day.

At dark on Christmas eve their festivities begin; the large candles are lighted, and the Yule log is brought in with much ceremony to be rolled into the huge fireplace. It is usually a large coarse root or trunk that will last all night. It is lighted with a brand which was carefully saved from last year's log, and while the Yule burns there is a merry drinking, singing, and telling of tales. This custom is still kept up in many rural districts in northern England where there are some superstitions connected with it. If a squinting or bare-footed person come to the house while the Yule is burning, it is considered an ill omen; and if the log does not burn all night it is considered ill luck.

The games are provided by the Lord of Misrule who is always sure to have a plenty of good ones for all. The mistletoe with its white berries is hung up in the kitchen

to the imminent peril of all the pretty housemaids who, while passing under it, may be caught and kissed by the young men, who each time in passing must pluck one of the berries, and when they are gone the privilege ceases.

The Waits, at twelve on Christmas eve begin their festive carolling and continue their sweet hymns till morning light, throughout the village, hoping to merit enough attention to receive an invitation to feast at some manor-house on Christmas day. These little singers are generally very poor and so appreciate the feast all the more.

The English gentleman usually invites all his neighbors and tenants to enter his hall at daybreak and partake of beer, black-jacks, toast, sugar, nutmegs, and good Cheshire cheese. The hackin (great sausage) must be ready at daylight or else two young men must take the cook by the arms and run her around the market-place, till she is ashamed of her laziness.

At dinner the old ceremony of serving the boar's head is observed thus: the butler, attended on each side by a servant bearing a large wax light, enters with an enormous pig's head, a lemon in its mouth, the head and dish decorated with rosemary, and places it at the head of the table. The peacock pie is another old English dish which is sometimes prepared for Christmas. The skin with the head and feathers is carefully removed and laid aside till the pie is cooked, then the head with its gilded beak is placed at one end and the tail is spread at the other.

Next of fancy dishes is the Wassail Bowl composed of the richest and rarest of wines, highly spiced and sweetened. It is sometimes called Lamb's Wool. The host drinks first, and, wishing a merry Christmas to all present, sends it around the table pronouncing it "the ancient fountain of good feeling where all hearts meet together."

But with all his fancy dishes the lord of the manor does not forget the distinguished part allotted to "ancient sirloin, the standard of old English hospitality." The table is literally loaded with substantials and presents an epitome of country abundance at this time of overflowing larders.

It has been urged by some that too much

attention is given to feasting and festivities in the English Christmas and too little to the solemnity and significance of the event it commemorates. But this criticism is rather harsh, for the true Englishman believes Christmas to be a time for charity and his heart goes out in peace and love to every neighbor and friend. He considers it a day for thanks and rejoicing and observes:

"At Christmas be merry; and thankful withal,
And feast thy poor neighbors, the great and the small."

OUR WINTER WORK.

What shall I do with my spare time this next term? This is a practical question and one that should interest every student. Every man has some spare time, and every student comes to college with the intention of fitting himself for a wider sphere of usefulness. All must have recreation, but in the coming winter term outdoor sports will be largely precluded, by inclement weather. Work in the various departments will not be so abundant, as during the fall and spring terms, and all things considered, every student will have more spare hours during the winter term, than at any other time. Have we decided how to use this time, or have we given it no thought? Now is the time to look ahead and plan to use these spare hours profitably, as well as pleasantly. Every man has some special aptitude, and this time may well be used in developing this genius, but how can it be done?

A man cannot afford to spend much extra time in hard study, because the regular College course demands his best abilities in this line, but he can lay out a course of easy, instructive reading on almost any subject.

Or the debate may offer greater attractions than reading; if so, the W. I. L. S. offers a grand chance for the development of your debating powers. Here a man may learn much, aside from the practice in debate, by spending a few hours looking up the subjects discussed.

To others, Natural History has a decided charm; if so, what better can they do than to start in with others interested in the same line. In the Natural History society they may learn much by reading and discussion, and so prepare for active, intelligent work in the spring. Many have collections now, that would be benefited by a few hours of work and study spent on them. Those interested in Chemistry have already started in together on a course of weekly

lectures and demonstrations given by each member in turn.

There is no reason why those interested in Botany or any of the branches of Zoology could not pursue a similar course.

Doubtless, Prof. Warner would be more than willing to place similar facilities at the disposal of those interested in his line of work.

For those interested more directly in Agriculture, or its branches, Market-Gardening, Horticulture and Floriculture, there is the barn and the green-houses, in which there can be found much that is instructive in a practical way, and later in the season, the Farm and Botanic grounds will show still more, while the library abounds with good books on all branches of Agriculture.

Military is interesting in more ways than one, and those who look into it will find much worthy of special attention.

If we return to the library, there are books on the laws of thought that are very interesting for the deep thinkers. Psychology is really very interesting, as it treats of the laws that control our intellectual activity. And last but not least, the Young Men's Christian Association should claim the attention of all. This organization is doing a grand work, and should receive the hearty support of lovers of the truth, not only because it benefits others, but for the individual benefit accrued. Its meetings and Bible classes strengthen all who attend. Don't fail to spend some spare time there. With such privilege for self culture, is a man doing justice to himself, when he simply takes the regular college course, in a general way, and neglects these other means of improvement.

The college course is very good, and all recognize its value, but the world demands specialists, while we receive a general education. True, it is, that general knowledge is the foundation of a special education, but that does not preclude us from taking a short special course outside of regular college duties. If we intend to be specialists, when is a better time than now? Or, if we have not decided yet or do not care to be specialists, the training we receive, if we take a special course, would be invaluable in later life.

Sooner or later a man comes in contact with problems that he must solve alone; now if that man has developed his self reliance, he has a decided advantage over the man who does not *know himself*. One of the greatest reasons why a man should mark out and follow a special course of his

own, is that it develops his self control, as nothing else will. Without these two qualities, in some degree, a man can do very little. Let every man consider this carefully, and then determine to use a few spare hours in pursuing some kind of a special course.

COMMUNICATION.

MR. EDITOR:—I noticed in your issue of Oct. 15, an article asking why we should not have a course in Electrical Science as an elective in our curriculum here.

I am heartily in favor of this idea, and purpose in this paper to show one of the ways in which electricity may be applied to agriculture, and thus show the importance of this study in an Agricultural college.

For the last eighty years electrical investigators have been experimenting as to whether electricity has an influence on plant growth or not. Owing to the crudeness of the appliances and the inexactness of the observations, diametrically opposite results were obtained by different scientists. But recently more exact experiments have been performed in Germany under the superintendence of Herr Specnew, the results of which are as follows:

Seeds of rye, sunflower, and beans were submitted to the action of an electric current, after having been soaked in water. These seeds germinated in half the time required for those not so treated, and the plants from these had larger leaves and a brighter color, although with no increase in the yield.

In another experiment an electric current was induced by connecting zinc and copper plates, placed at the extremities of the plot experimented on, by a wire laid in the soil, thus forming a battery. The plants in the plot thus influenced produced a larger crop, and vegetables of enormous dimensions.

In a third experiment, a field of two acres was electrified by means of static electricity collected from the atmosphere by collectors united by wires. The plants in this field were, by this means, grown in a highly electrified atmosphere and showed an increased yield over those not so treated of 150 per cent., both in fodder and seed. This increase is explained by the fact that the slow discharge of static electricity facilitates the assimilation of Nitrogen by the plants.

These results indicate what is, perhaps, a mode of forcing plant growth, which will revolutionize the present science of horticulture. But to make this process success-

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ful, the gardener or farmer must have a practical knowledge of electricity, its properties and appliances, which can only be gained in an electrical course or in practical work under an electrician.

Farmer boys who intend to remain on the farm have not the time for the latter and therefore it is eminently appropriate and practical that such a course should be given in the M. A. C., or that, even if they do not practice "shocking" their crops to increase their growth, they may understand in part, at least, the properties of one of the most potent factors in our nineteenth century civilization.

SEWAGE FROM AN AGRICULTURAL STANDPOINT.

In this day of economical and intensive farming, it would seem that the State Agricultural College farm ought to lead the farmers of the state in these, as well as in scientific matters.

Much is being said about utilizing the sewage of our large cities, yet millions of dollars are annually spent in removing these waste products and sending them out to sea either directly or by way of rivers. In the latter case, the pure water of the river, besides being rendered unfit for use of man or beast, is made a source of pollution and disease to the country bordering its course.

How often do we hear this system depreciated in words of bitter contempt, while on the other hand, and pictured in glowing terms, are the profits that would fill the pockets of farmers and market-gardeners in the vicinity of these great centers of civilization, were the sewage properly turned to account in irrigating their thirsty lands.

But when we look to the M. A. C. farm for a sensible and economical system of sewerage, what do we find?

The College buildings are located on a rise of land where the facilities are the best that could be desired for turning the steady stream of college sewage directly onto the sloping field to the west. Here it might be distributed with very little expense and made to yield a handsome interest on the investment.

True it is that great improvements are being made about the farm, but how is it that hundreds of dollars are more profitably invested in draining an old pasture than tens would be if spent in laying out a proper system of sewerage? If the latter was done, the value of several acres on the slope would probably be nearly doubled; and it would certainly seem more economi-

cal to increase the bulk of crops grown near the barn than to attempt to raise more at a distance.

The sewage, with the present arrangement, pouring into the ravine year after year in the same locality, makes a most unsightly spot in our natural arboretum, killing the trees and contaminating the brook.

Our instructors are endeavoring to show us that this is a wasteful practice, and not calculated to teach us practical agriculture. We are glad to learn that the matter is being investigated, and that an effort is being made to exemplify some of the principles taught in the class-room.

The problem of sewage utilization is one that has been worked over and studied upon for ages. As population increases, and towns grow into cities, it is of vital importance that a method be discovered whereby these enormous quantities of polluted water may be freed from their load of filth before passing into the rivers to convey putrid matter and disease germs to other communities.

May it not be that some active and observing intellect of "Aggie" will suggest the remedy for this growing evil, and thus prove a benefactor to the human race.

HIAWATHA'S ADVICE TO HIS SON.

(By a Longfellow.)

Would you get an education
Of a scientific nature,
Which will make you in the future
Fit for any occupation,
Fit for any undertaking
That may call you into action;
You should now begin to study
On the common English branches,
Such as Mathematics, Grammar;
So that when you're somewhat older
You may pass examination,
And be thus prepared to enter
At the Agricultural College,
Which was built by Massachusetts,
At the noted town of Amherst
For the practical education,
For the scientific training
Of young men just such as you are.
Now at this new institution.
At this newly founded college
Are taught the art of "engineering"
And the science of surveying,
Which with other useful studies
Far excels the course of classics,
"Taught in yonder Amherst College."
Which, if memory serves me rightly,
Are in our days little needed,
Very little brought in practice;
Therefore, take your father's counsel,
Study with soul undaunted
With a will that needs no pressing,
Persevering, hoping, longing,
Soon to enter as a Freshman
In the class of 1880
At this Agricultural College.
Speaking thus, did Hiawatha
Counsel give his son Wenona,
Sitting in his lonely wigwam,
By a bright and cheerful fire,
On a frosty night in winter.
While his "Laughing Minchaba,"
With the children which she bore him,
Seated were upon the hearth-stone,
Listening to the conversation.

—Irving Gazette.

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THE new board of editors for AGGIE LIFE is to be elected the last of next term. In order to insure the future prosperity of the paper, only the best men should be elected to fill the position. Therefore, we propose next term, to publish the writer's initials with his article, unless specially requested not to, so that each class may vote intelligently for its quota of editors.

ASIDE from the news, only two articles in this issue were written by under classmen. One by a Sophomore, one by a Freshman, while the Juniors have contributed nothing. Whose fault is it? The editors are always glad to receive articles, but they can hardly be expected to spend more time persuading a man to write, than it takes to write the desired articles. Every man should consider it his business to write several times a term for the paper, an over production can be easily prevented, while plenty to select from will produce a better paper. If any man has the gift of a poetic mind, we would be especially glad to receive poems from him. At present there is a call for a few more light humorous articles rather than for more thoughtful pieces. In a word it takes all kinds of literary work to produce the best paper, and we would be pleased to receive a large variety.

ARE the walks around college to be as slippery next term as they were last winter? With good concrete as we have around college, is it asking too much that it be kept clean? Last winter the walk was covered with from one to several inches of mingled snow and ice for most of the winter term, and the outlook seems to indicate a similar condition next term. There is no doubt but that the students can slide along some way; it may be a very good form of exercise, but to a visitor, it must appear ludicrous to see over one hundred men running and sliding back and forth to

recitations, when so little labor would be required to remove all the snow and ice from the walk. The least a visitor might expect, is that the walk between the dormitories and the old chapel be kept clean and free from ice. The expense involved in keeping the walks clean would be slight, compared with the greater convenience. Snow can easily be shoveled from concrete, especially before it has been trodden much, and the sun will quickly melt any pieces of ice that are frozen on. There are plenty of men in college who would be glad to keep the walks free from snow. The snow plow removes the greater part of the snow; what is wanted now, is simply to remove the rest before it becomes trodden into icy snow, and then we will have clean walks.

THE foot-ball season is over, and while our team's victories have not been manifold, we are far from being ashamed of that team's work. Considering the disadvantages under which they labored, their record has been more than satisfactory. Last year our foot-ball prospects were under a cloud. The Faculty frowned on it, and many students thought it an unsuitable game for us to attempt, so but little money was raised and only two games were played. This fall there was a reaction and much enthusiasm was displayed in regard to the game. A fair sum of money was raised and the services of a coacher were secured, but the coacher left us on short notice and his duties devolved upon the captain. He placed great confidence in the "turtle crawl" as Cornell contemptuously calls the "V trick," and the "waltz step" or "right or left wing" was the result of careful study on his part. Moreover, he played an unsurpassed individual game, counting fatigue, and exposure to injury as nothing. The time of practice was limited, as drill allowed only two good, full, practice games and three half hour games in a week. Then, there being no league for us to win the championship of, it was no easy matter to sustain the interest in practice, except when a game was directly in view. Moreover, our games were not with preparatory schools, but all against heavier teams than ours. Nevertheless, our team bore away, in the aggregate, 30 points against our opponents 124. In face of all the odds we have stated, could men lacking the advantages of good gymnasium practice do more? The exit of the Senior class will take away several fine players from the team, but we hope that their places will be more than filled by members of the class

of '94. The latter have made a phenomenal record in tying the score with the Sophomores and beating the Amherst Freshmen. Let them continue as well as they have begun, cultivate what material they already have and develop unsuspected resources, and we will hope to see the college put a strong, well selected team in the field next fall, with the possibility of a pennant to grace the foot-ball picture at the end of the season.

WHILE talking with a former classmate not long since, old faces were recalled and recollections stirred that had been growing fainter and more obscure ever since Freshman year; not entirely obliterated, but tucked away in one of memory's pigeon-holes, and not being in demand for daily use, had been jostled aside and hid from sight by matters of daily interest. This resulted in a reverie on the mutations of college life. To us at least, each successive year has seemed like a separate epoch. The friend and comrade of one year is an entirely different person from the same man a year previous or subsequent. That which is praiseworthy and desirable to the Sophomore seems petty and unimportant to the Junior. Perhaps when a decade or so has separated us from our college life these things will assume their true value and the different epochs appear parts of a well-remembered whole. Then the first events in our experiences here will be as vividly remembered as those that are transpiring to-day. The record of college days will be stamped indelibly on our minds. Although we sometimes declare college dull and monotonous, and anticipate the joys of a more active life, we are not apt to find after-life so pleasureable by contrast. In fact it is doubtful if we shall ever find ourselves surrounded by so select a coterie of companions or living under conditions so favorable to enjoyment as while we are students. Perchance "the memory of college days" may be to some of us the only light in the darkness of the care and trouble of a business life, and it should be our aim then to make the most of college associations, that this light may not be darkness. The best way to make the most of these associations is to cultivate a strong college spirit. Class and society sentiments are fine things in their places, but they should never be allowed to supplant or interfere with college feeling. The man who never abuses the confidence of his college mates in order to advance the interests of his class or fraternity is the man

who is sure to reflect the most credit on all three. The man who as a student, always discharges, to the best of his ability, all trusts reposed in him by his fellows, who bears himself, both in and out of the classroom, with manly independence, who subscribes all that his purse affords to all projects for the betterment of his college, who is above playing the sneak for any purpose whatever, and who is ever ready to lend a helping hand to a struggling fellow, is the man who in later years will not be ashamed to grasp his old college mates by the hand, and is the man whom his *Alma Mater* will be proud to own.

GLEANINGS.

This term closes Dec. 19th.
'92 dissected lobsters last week.
Next term begins Jan. 6th, 1891.
Next issue will appear Jan. 14th.
The tax fiends are around once more.
The Gymnasium is lighted up evenings now.

The Old Chapel clock is now away for repairs.

Knight is catching rats for scientific purposes.

Lage '91 was on the sick list a few days last week.

P. E. Davis '94 is a recent addition to the college.

Our pond has given us only a few days good skating as yet.

Lyman, to Prof.: "Do corals multiply by fiction (fission)?"

The Reading Room Directors will meet on the last of the week.

For some reason or other Graham '92 failed to return on time.

Reviews are now in order and examinations will follow shortly.

Drill will probably occur in the drill-hall the remainder of the term.

The Juniors had an examination in Market Gardening last Saturday.

A notice is now posted soliciting bids for carrying the mail next term.

Dec. 2—Wells tries to walk on the water in the pond and doesn't succeed.

The Library was closed several evenings last week as there was no electric light.

Meeting of the N. Y. Alumni to-day. Professors Mills and Warner will attend.

Dec. 2 and 3—The South College recitation rooms were very cold in the morning.

The new uniforms were inspected last Monday. The Cadets reported by companies.

Our chemists have combined for mutual study under the direction of Dr. Wellington.

President Goodell attended a meeting of the State Board of Agriculture held at Worcester, Dec. 2.

Dec. 4—Hawkes milks the new cow.

Dec. 4—'93 takes a decidedly close "bolt" on Prof. Brooks.

Lieut. Cornish will introduce the Position and Aiming Drills in order to give more variety to the Winter drill.

W. S. Pember, '93, returned Dec. 3d after an absence of several days, caused by the ill health of his father.

The engraver has delayed '92's Index a week or more. We hope to see it out before the term closes however.

The Y. M. C. A. had a very interesting missionary meeting last Sunday evening. The subject was Home Missions.

About all of the students made their appearance promptly on the morning of Dec. 2, having enjoyed a pleasant recess.

We understand that Starr '94, is to leave us at the end of this term. He will be missed very much, especially in athletics.

Lieut. Cornish invited his Staff to dine with him last Thanksgiving day. All went home but Gay, who accepted the invitation.

Prof. Brooks showed the Seniors some magic lantern views of representatives of the respective breeds of domestic animals.

The recitation room in the Botanic Museum has been somewhat improved. This time the floor and desks received attention.

W. I. L. S. held no meeting last Friday night on account of having exercises Saturday, to make up for the preceding Monday off.

J. S. Loring, '90, and J. M. Herrero, '90, completed their labor on the topographical survey of the Botanic department last Saturday.

Professor Maynard delivered a very interesting lecture on Microscopic Botany before the Natural History Society last Monday evening.

A. M. Castro, '90, left here Dec. 1 for his home in Brazil. He has been taking an advanced course in chemistry for the past few months.

Foramen laceratum basis cranii and such terms float vaguely through the Senior's brain, while Strongylocentrotus dröbachien-sis still worries the Juniors.

In view of the fact that the cannon are too old to assist in Freshman Night ceremonies, it might be advisable to house

them as soon as possible. They look chilly and disconsolate out by the goal posts.

The Institute of Technology claims one third of the new fund now in the hands of the State Treasurer on the old grant of '62. Hearing to-day before the Governor and Council argued by the counsels of the two institutions.

The day before Thanksgiving there was a general exodus from college for home. A number of the students clubbed together and used a mileage ticket on the Central. The ride was enlivened by the usual amusing incidents. The Reading Express was crowded on the way back, one car being filled with Smith College students.

The dam has sprung a leak, caused by the accumulation of water behind it, as a result the pond has lowered woefully. As it seems impossible to build a dam at this place, the attempt might be more successful lower down, or if that fails let us have a good dam built under cover; one that we can look at, and that won't leak, if there is no water around.

PRAYER MEETING TOPICS.

Dec. 11. Doers of the word, James 2: 20-26. E. J. Walker.

Dec. 14. Fruits of Fellowship, I John 3: 1-11. E. D. White.

Dec. 18. "It is more blessed to Give than to Receive," Dent. 15: 7-11; II Cor. 9: 7, 8. C. L. Brown.

Jan. 8. The Time for Seeking God, Eccles 12: 1; Isa. 55: 6-7. H. F. Staples.

Jan. 11. Evil Speaking, James 4: 11; I Pet. 3: 10. H. E. Crane.

GIFTS.

Imported Tamworth boar and sow, by J. Montgomery Sears of Boston.

The Library has received sixty volumes on miscellaneous subjects from the estate of Julius Rockwell, Lenox. Also a number of agricultural works from the estate of C. L. Flint, Boston, formerly a Trustee of the college and for many years Secretary of its Board.

A REMONSTRANCE.

A recent issue of a certain comic weekly contained a caricature supposed to represent a foot-ball match between two prominent colleges, and bewailed the fact that the public should be able to find enjoyment in such a brutal contest. It is safe to say that such figures as were therein portrayed were never seen on a foot-ball field, and the style of play may have possibly belong-

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ed to a period of twelve years ago. The principal object of the figures in the cut seemed to be to flatten, by free use of their fists, the noses of their opponents, or failing in that, to remove any superfluous hair that might be attached to the latter's heads. It was, in fact, only an illustration of the remarkable ability, on the part of some, to moralize on a subject concerning which they know nothing whatever, and about as pertinent as a treatise on Acoustics written by a person deaf from birth.

To be sure, foot-ball is not a game for timid people or invalids, but for vigorous, active young men it is one of the most healthful and manly of out-door sports, and plays a not unimportant part in character-building. It is true that when the Rugby game was first introduced into this country the rule in vogue was to "smite, and spare not," but that was a long time ago, and in these days of advisory committees and newspaper criticism, it has become the exception and is fast vanishing. It is hardly complimentary to intelligent American audiences to think that they would tolerate the maltreatment of players by either side. It is claimed, that if a man is a brute, that this quality will be shown on the foot-ball field, but this is true of all places.

Now, having, as we hope, cleared foot-ball in the minds of our readers from the imputation of brutality, let us turn our attention to the question of the safety of the game.

Until recently it was considered a hazardous sport for even well built young men, but thanks to those whose untiring efforts are reducing the game to an exact science, the element of danger is fast being eliminated. The recent introduction of the game into the Military and Naval Academies of West Point and Annapolis respectively is a more powerful argument in its favor than any words of mine could be. In institutions, where so strict an attendance on regular exercises is required, no game would be allowed that would tend to incapacitate cadets to perform their duties. Perchance the sport was introduced there not merely for a pastime, but as an adjunct to military training, which indeed it is. The Duke of Wellington, when once asked to tell the secret of his splendid victory, exclaimed, "the battle of Waterloo was fought on the foot-ball field of Rugby," thereby meaning that the self-control and ability to think quickly in the moment of danger, which qualities he had imbibed in contests with the leather, were the very



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VEGETABLES OF ALL KINDS IN SEASON,

FISH AND OYSTERS, FOREIGN

AND DOMESTIC FRUITS,

AND CANNED

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qualities that gave him the victory over the "Little Corporal," whose forces, in number discipline and experience were superior to his own.

SCIENCE AND ART.

The young man of to-day as he is about to start out for college, sees before him two great roads; the one professing to lead him on toward the acquisition of a knowledge of the arts, the other directing him on and on toward the fertile fields of science. If he puts the whole of his mental faculties to bear on the subject, if he carefully considers the importance of the situation in which he is placed, he will not discard the latter course without a great deal of hesitation. For, Which of these two courses of study is the nobler, the more elevating, and the more beneficial to mankind, is one of the most important questions coming before the public mind to-day.

In former years, the colleges of arts and classics greatly exceeded those of science both in number and apparent popularity. In fact, it was recently that many of those of the latter class were instituted. At present, the rapidly increasing number of students in all of our American scientific colleges, certainly affords great encouragement to the earnest devotee of science.

Let us consider the question mentioned above and see if there is reason for this increase. The first part reads, which is the nobler and more elevating of the two courses? What can be more ennobling, and more elevating to the mind of man than the study of those things placed on earth by Nature's own hand? For what better and nobler purpose can a man live, than that of devoting the greater part of his time and powers to the things placed on earth in a crude state, as it were, that he may bring them into a state of usefulness? Then again, we read, which is the more beneficial to mankind? I say the scientific course by all means. Who but the scientist made the loaded cars to move, the factories to turn out their valuable products? He has developed all of our knowledge of chemistry, which is becoming more and more necessary in every-day life. He it is who has demonstrated before the eyes of the curious world that electricity, that invisible something, is the power, and the power which promises to displace all former achievements in the scientific world.

Look at the scientist as he stands before the public to-day. How many names are there in civil life, to which we hear more praise attached than those of Stephenson,

Eriesson, Franklin, Edison, and innumerable others of their stamp? Some may say that the scientist is inclined to shun affairs of state. It may be true to a certain extent that he avoids such matters, but there is no reason why he should do so. In fact, it has not always been the case. Thomas Jefferson was a scientist, so was Franklin, yet they faithfully served their country in times of great need.

True, the scientist's observation is so great, that he may seem at times to be lost within himself. But all this time he is taking in facts that passed by the eye of his non-scientific companion unobserved. Would not this quality in a man add greatly to the prospects of his becoming a grand politician? There is no reason why it should not, and we trust that science herself will demonstrate its truth at no distant date.

Therefore, we would say to every young man, pursue a scientific course of study. While we do not doubt that a man's mind is greatly benefited by the study of Latin and Greek, nor would we for an instant under-rate their educational value, yet we say, study science first, then if the opportunity presents itself, acquire a knowledge of classics.

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The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 3 to 4 each afternoon excepting Saturday and Sunday.

The college library will be open from 2 to 4 P. M. and from 7 to 8 P. M. each day, excepting Saturday and Sunday. On Saturday it will be open from 9 to 12 A. M. and from 2 to 4 P. M., and on Sunday from 2 to 3 P. M.

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TO CONTRIBUTORS.

Whatever you have got to say, my friends,
Whether witty, or grave, or gay,
Condense as much as ever you can,
And say it in the clearest way;
And whether you write on rural affairs,
Or particular things in town,
Just a word of kindly advice,
Boil it down.

When writing an article for the press,
Whether verse, or prose, just try
To utter your thoughts in the fewest words,
And let them be crisp and dry,
And when it is finished, and you suppose
It is done exactly brown
Just look it over again, and then
Boil it down.

For editors do not like to print,
An article lazily long,
And the general reader does not care
For a couple of yards of song.
So gather your wits in the smallest space,
If you'd win the author's crown,
And every time you write, my friends,
Boil it down. —Exchange.

ALUMNI.

D. W. Dickinson, '90, is in a dental office at Brockton.

E. D. Howe, '81, of Marlboro received a flattering offer of \$1,800 by an Agricultural College.

F. W. Brown, '87, instructor in English, Wesleyan Academy, Wilbraham.

E. J. Dole, '88, Attorney-at-Law, care of Barclay & Carpenter, Los Angeles, Cal.

E. A. Jones, '84, Rockville, Mass.

Joel B. Paige, '71, Supt. of Farm. Hartford, Conn.

F. W. Wood, '73, Civil Engineer, care Ill. Central R. R., 58 Michigan Ave., Chicago.

A. F. Shiverick, '82, clerk, Tobin M'fg Company, Chicago.

A. H. Taylor, '82, breeder of cattle, Plainview, Nebraska.

C. A. Whitney, '89, Upton, Mass., at home.

Llewellyn Smith, '84, Bradley Fertilizer Company, Quinsigamond, Mass.

W. F. Carr, '81, Supt. of City Railroads, Minneapolis, Minn.

A. M. Castro, '90, Turiz de Fora City, Minas State, U. S. of Brazil.

MARRIAGE.

Samuel Chester Damon, '82, to Elizabeth Taylor Willard, at Wilmington, N. C., Dec. 11, 1890.

Prof. W. to Freshman class: "Why does oil float on water?" Lewis: "Because it is greasy."

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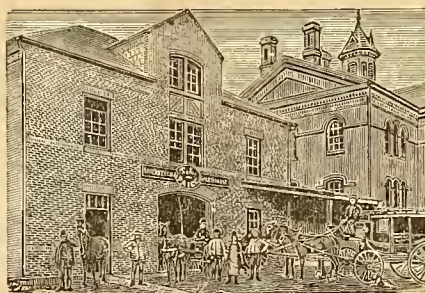
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AGGIE LIFE.

VOL. I.

AMHERST, MASS., JANUARY 14, 1891.

No. 7

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RESULT OF HIAWATHA'S ADVICE.

(BY ANOTHER HAND.)

Those who read our little record,
Of the happenings at Aggie;
Know that in a recent issue
Spake a sage, long since departed,
Telling how great Hiawatha
Gave good advice to Wenona;
To his first-born son Wenona.
And 'tis fitting now, that we should
Give to you our present knowledge
Of the life of young Wenona;
So that you may form opinion,
Whether Hiawatha's counsel,
Worthy was of such a sachem;
Whether, too, his offspring's conduct
Justified his expectation.
Now Wenona was a scholar
Of no very small attainments.
And he had that perseverance,
That undaunted perseverance,
Which is always very helpful,
In pursuing any study.
So it happened that he entered,
This, our glorious Aggie College,
In the class that Hiawatha
Mentioned in their conversation,
In the noted class of '80.
Much he studied while in college,
Much he learned of every science
Taught within the walls of Aggie.
Much of Botany and English,
Much of Chemistry, that science
So renowned the whole world over;
Much of so-called higher science,
Of man's brain and soul and spirit,
And their everyday relations
To the facts of Economics.
While in agricultural knowledge,
He was simply best and perfect;
Understood the art important,
From its A B C's so simple,
To its difficult relations
Unto every other science.
But you must not think Wenona
Spent his whole time on his studies,
During his four years in college.
For he wasn't any chicken,
Was no newly-hatched young chicken.
So he hazed the verdant Freshmen;
Played at foot-ball and at base-ball.
And 'twas sometimes even whispered,
That he was not quite neglectful,
Of the girls, those darling creatures,
Whose society so lightens
All the cares of student life.
Thus with hard work and amusement,
Mingled in their due proportions,
Passed Wenona's life in college.
For four years won't last forever,
Even though they're very pleasant.
So one day in 1880;
In the pleasant, sweet, June weather,

Stood Wenona on the campus,
With two bulky rolls of parchment,
With two rolls of graven writing,
Which declared to every person,
That Wenona was proficient
In the studies taught at Amherst,
At the Agricultural College,
Of the state of Massachusetts;
And by virtue of the knowledge
Gained at that great institution;
Was entitled to the sheepskin
Of Boston University.
Though Wenona passed the ordeal,
Of the pleasant June Commencement,
With a great amount of honor,
And unusual reputation. Wrinkled
Still his brow was drawn, and
Wrinkled with his earnest thinking,
How he best could use his knowledge,
How he best could make a living;
But he stood not long in thinking,
For he saw he was best fitted
For some scientific business,
Where the practical instruction
He had got at Aggie College,
Should be brought in practice.
So he took a situation
In a station for performing
Many useful experiments,
In the line of agriculture,
And those arts which are mechanic.
Now he is a wise professor
In an Agricultural College,
Of a state not far from this one;
And is very greatly honored,
For his practical attainments,
For his knowledge of the questions,
Which perplex and vex those persons
Now engaged in Agriculture,
And the common avocations,
Whereby most of us, poor mortals,
Have to earn our bread and butter.
Other things are not denied him,
Gold he has in generous measure,
Though he does not want his millions,
He has all that heart could wish for;
Everything he needs or longs for.
Now the moral of this story,
Is that if you are a young man,
You should go to Aggie College;
That the royal road to fortune,
Lies within its open portals.
And that if you have grown older,
And have sons, whose age allows it,
You should straightway send them to it,
That they may receive instruction,
Which shall make them come in winners
In the race of life before them,
Make them stronger in the struggle;
Useful also to their country.
Men who shall be missed among us
On departing from this planet,
To the Kingdom of Ponemah,
To the land of the Hereafter!

H. N. L.

EDUCATION.

The earliest education is that of the family, and from here is developed the embryo which is to spring up into an intellectual and peaceful mind, or into a low, weakened and degraded intellect. "A good education," says Plato, "consists in giving the body and soul all the perfection of which they are susceptible." Keat says, "There is within every man a divine ideal, the type after which he was created, the germs of a perfect person, and it is the office of education to favor and direct the growth of these germs." Education is the means by which every rising generation is put into possession of all the attainments of proceeding generations.

The first schools were those of the Priests superseding the diviners and judges whose only aim seem to be to abuse the credulity of their fellow men. The necessity of the training required for ceremonials and for the accomplishments of reading and writing, was the starting point for the new universal system of schools. From the education of the priests grew the secular education of countries where the priesthood did not exist as a separate body. The Greeks were the first to develop a science of education distinct from ecclesiastical training. They divide their subjects of study into two classes, music and gymnastics, the first embracing all mental and spiritual and the second, all physical training.

The literary education of the earlier Christians was obtained in the Pagan schools, in the imperial academies which flourished down to the fifteenth century. The first attempt to supply a special education for Christians was made at Alexandria.

The education of the Middle Ages was either that of the cloister or of the castle; the object of the one being to form the monk, and of the other the knight. Within the monasteries, many of the idols of false education, existing to-day, have their root. The discipline was hard, the rod was the rule, and hatred of learning, antagonism between the teacher and pupil, the belief that no training was effectual unless repulsive and distasteful and that no subject is proper for instruction which is acquired with ease and pleasure, were the outgrowth of them. The seven arts of monkish training were, German, Dialectics, Rhetoric, Music, Arithmetic, Geometry and Astronomy and furnished a seven years course.

About the year 1430 Vittorino da Feltrino introduced an entirely new system, exact-

ly opposite in its procedure from the Monkish system. He held that "letters should be taught playing; the rules of grammar few and short; every means of arousing interest in the work should be fully employed; idleness, above all things is to be avoided."

The advance of education in the seventeenth century begins with Charlemagne. This monarch re-established the palatial school, in which the sons of some of the nobility were educated with his own children. In this school the course of instruction embraced all the learning of the age.

Somewhat less than a century after Charlemagne, King Alfred revived the schools in England; which had been almost extinguished by Danish invasions.

Nevertheless the effect of his efforts was but short lived after his death, and it was not till the 14-15 centuries that learning was revived. Many of the noblest knights of the period could neither read nor write.

During the time preceding the revival of learning, female education was on the decline, in fact in none of the early centuries was it customary for the women to become educated.

A writer of the thirteenth century defines the proper education of woman as, "knowing how to pray to God; to love man; to knit and to sew."

In 1483 in some of the colleges, notably that of Montaign, from which the worthy Calvin graduated, a severe and almost barbarian's discipline was ordained, combining labor, fasting and pitiless punishments.

In 1528, Luther, with the aid of some others, drew up the plan of study, which was followed in the Protestant common schools of Germany till the close of the century. Their course embraced the study of reading, singing, grammar, Latin, German, dialectics, and rhetoric.

About the year 1540 the Jesuit system of education, a secondary Catholic order, founded by Ignatius Loyola, came into existence and flourished till the beginning of the eighteenth century. One secret of their success was in their use of the power of emulation. The victors of their school oratorical contests were rewarded by crowns, swords, shields and lances, in the manner of the victors of an Olympic contest.

John Locke says of this, "Emulation is the chief spring of action; knowledge is far less valuable than a well trained mind."

One of those worthy of notice who have tried to improve existing methods, in ad-

vance of his age, was Ratke, born in 1571. He anticipated some of the best improvements in the method of teaching which have been made in modern times, but was rewarded for his labors by persecution and imprisonment. Can we wonder that education has progressed so slowly, when such pains have been taken to suppress those who have devoted themselves to its improvement.

Rousseau in the eighteenth century published a system of education, which presents an ideal view of domestic culture most strongly in contrast with the circumstances of his own life. The early education of the child is, according to him, of the greatest importance. Nothing should appear to the student until he is prepared to grasp it without difficulty; the attainment of knowledge thus coming almost unconsciously by a series of easy steps. The child should not subject himself to habit, but be independent of everything about him and be master of himself. Education was to become, by this system, an amusement.

Near the close of the eighteenth century Bell and Lancaster originated the idea of mutual instruction, and Froebel the Kindergarten. The latter furnished a means of teaching young children by playing and amusement.

The education of the present time is best described by Spencer. He asserts that "we shall attain the best results by closely studying the development of the mind, and availing ourselves of all our energies."

Education is still but partially developed and much in the art of teaching is yet to be learned. We cannot with justice leave this subject without further mention of the education of women. From the earlier centuries in which women were rarely educated beyond that which was required for the performance of their daily duties, the popular sentiment has been gradually changing until now, schools and colleges are provided for the education of women which vie with the best institutions of learning of the other sex. Women in the professions are continually increasing and many of our most brilliant authors are of the gentler sex.

G. E. T.

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Next Wednesday evening Jacob A. Riis will lecture on the social condition of our great cities, illustrating his lecture by stereopticon views from photographs taken by himself in the slums of New York. All should hear him.

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IN MEMORY OF OUR BROTHER HENRY B. LEARNED.

Whereas, It has been the will of our Heavenly Father to summon our friend and brother, Henry B. Learned, to a higher and better world, and

Whereas, We recognized in him sterling qualities that command the respect of all. Therefore be it

Resolved, That we, members of the College Shakespearean Club, do mourn our loss, which we believe to be his gain; and be it

Resolved, That we extend our heartfelt sympathies to his parents in their bereavement; and be it further

Resolved, That a copy of these resolutions be sent to his parents, and that another copy be placed in the records of the C. S. C.

HENRY M. HOWARD,	} Committee for the C. S. C.
EPHRAIM P. FELT,	
MURRAY RUGGLES,	

Whereas, Our Heavenly Father has seen fit to remove from our midst our beloved classmate and companion, Henry Bond Learned, and

Whereas, He was loved and respected by all who knew him for his faithful efforts and cheerful disposition, both in the class-room and on the campus. His truthful ways and kindness toward all, ever commanded our admiration. Therefore, be it

Resolved, That we hereby extend our deepest sympathy to his bereaved parents in the hour of their affliction, making their loss our loss, and their sorrow our sorrow. And be it further

Resolved, That a copy of these resolutions be sent to his parents, and also published in the college publication.

T. S. BACON,	} Committee for the Class.
C. F. WALKER,	
T. F. KEITH,	

There is no death! But angel forms
Walk o'er the earth with silent tread;
They bear our best loved ones away,
And then we call them "dead."

GENERAL EFFECTS OF A COLLEGE COURSE.

As sometime in the future, we gather around a common hearth and discuss this matter, the question may naturally occur, What better way could we have spent those four years of our youthful career? Those of us who have done justice to ourselves will invariably answer *none*.

The average young man residing at home has a constant dread as to what shall become of him on going out from beneath his maternal wing. Now, what effect does college life have on this state of things? It creates a sort of independence and self-reliance in the man which cannot fail to be of value to him in future years. It promotes in him the idea that he was created for some higher purpose than that of trusting to perhaps the meagre support of a poor father or the tender care of an overthoughtful mother.

Again, compare the constitution of the average college graduate with that of the man who has been shut up in a mill or store all his life. The contrast is a very perceptible one. In the one case you see a man with muscles well developed by the constant practice of athletic sports, and the

whole system regulated in such a manner that his body will be well able to withstand whatever brain work he may undertake. In the other instance you frequently observe a man destitute of that abundance of muscle marked in the first case, his face pallid, his whole person betraying to the observant eye a feeble constitution which can rarely accompany with any great degree of success the enormous amount of work required of an experienced business man's brain.

There are, of course, exceptions to both of these instances, but it is, as a rule, among the latter class that the physician exercises his wisdom in treating chronic dyspepsia, Bright's disease, and many other prevailing maladies.

Look at the young man of eighteen as he starts out for college, and once again on his return after graduation. You cannot but notice the change in his bearing, the ease of his conversation and the broadness of his intellect, compared with the shy, unmanly fellow of four years previous. We all know that it would be absurd to think of a man passing his examinations through out the course without gaining considerable book knowledge and general information. Therefore as these effects would be made manifest to a certain degree on the less studious man, much more obvious would be the result in him who attended faithfully to all the duties prescribed for him.

So when the young man has completed the course of education provided for him at home by the public, we would by all means advise him to go to college and thus gain for himself a lively disposition, an enviable constitution, and an increased brain power which will be of great value to him during his whole life.

G. F. C.

Under the Presidency of S. D. Foot, '78 the Massachusetts Agricultural College Club of New York, held its fifth annual dinner Dec. 10th. The Club gladly welcomed as its guests Professors Mills and Warner, who reported as to the condition of the college. Speeches were also made by Trustee Bowker, '71, S. C. Thompson, '72, E. B. Libbey, '74, H. Myrick, '82, W. P. Birnie, '71, and others. A resolution was adopted petitioning Congress not to irrigate the arid lands. Officers elected were: Pres't, A. W. Dickinson, '74; 1st Vice-Pres., E. H. Libbey, '74; 2nd Vice-Pres., Dr. C. E. Young, '81; Permanent Secretary-Treasurer, A. W. Lublin, '84; and Choragus, Dr. J. A. Cutter, '82.

AGGIE LIFE.

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Mass. Agricultural College.

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Address all communications to the Business Manager.

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AFTER a short vacation AGGIE LIFE appears once more. She is indebted to all for the hearty support received and endeavors to be worthy of more support this term. Still there is very much room for improvement, and her editors will be more than happy to receive any practical suggestions, that will add to her success in the future.

THE competitive drill for the position of Color Company last term was very close; it certainly accomplished its design, which was to increase the interest in drill. There is no more work in drilling well, while the hour lasts, and it is much more satisfactory to all concerned. At the end of this month there will be another competitive drill, which will be even closer than the last one, but there should be no extra drills for any company, because some men cannot afford to take the extra time from their work; then all will stand on the same ground and can work for the colors during drill hours.

Now that the drill hall is lighted, it is hoped all will exercise there, in preference to the Reading Room. It seems necessary to remind some men that the reading room is not a gymnasium, but is designed simply for reading. Last term a number of papers were badly torn by men when engaged in wrestling, and if a visitor should look at the stools, he might form the impression, that they were used in some kind of warfare. The directors of the Reading Room for the past few years have been introducing various improvements, and more will follow if the room is used as it should be and not as a wrestling hall.

"TIME is money." Punctuality is one of the duties a man owes his fellow men. We all agree that it is a crime to steal even a few cents, but many men seem to think it is perfectly proper to steal another man's time, by compelling him to await their move-

ments. Such tardiness is most noticeable at the various meetings of the students, with perhaps the exception of the Y. M. C. A. The general impression seems to be, that they will begin about ten minutes after the announced time, consequently only a few will be on time, and the rest come in late. The tardy men really rob the punctual men of the time they spend waiting. It is just as easy to be on time as a little late, and everything moves with much less friction. Where is a better place to form habits of punctuality, than while at college? Let us begin now. The habits formed here will be the habits of our life, to a great extent.

TRAVELLING around South college between breakfast and chapel time, a man notices the various occupants of the rooms sitting around shivering with overcoats on. On feeling the radiators he quickly withdraws his hand—burnt, not with heat, but with cold. About 8-10 A. M. the steam may be heard slowly passing through the pipes. And this is not the whole story; a visitor in the early evening hours is apt to find cold rooms between 6 and 9 P. M. Is this a defect of the heating apparatus, or is it the result of negligent firing? The matter should be investigated and the trouble righted. Cold rooms are unhealthy, and to an average man who rooms in South College, and attends the lectures on hygiene, such instruction must appear as mockery, when the state, itself, fails to have put in practice the instruction it so freely gives.

LAST term's experience in the Washington Irving Literary Society showed that there is considerable material in the Freshman class. The questions were well handled; the speaking was interesting and to the point. Many men found they could speak in public, and even reason while on their feet; the latter accomplishment is especially valuable. This term there will be a chance to use these debating powers still more, and it is to be hoped that the whole college will unite and make these meetings all they should be. Last term many of the Freshmen hardly understood what the aim of the W. I. L. S. was, till the term was nearly passed, but this term ignorance is no excuse, and the W. I. L. S. should be much benefited by more material from '94. These meetings take considerable time, and the studious man may naturally prefer his books, but let him ask himself "should a college man be satisfied with book knowledge alone?" Certainly

not. The well educated man develops the practical part of his education, while mastering the theory. The ready man is the man who is sought after, and not the man who knows it all and still cannot use that knowledge at the proper time.

THE Young Men's Christian Association has begun the year by observing the week of prayer. Special meetings were held last week on Wednesday, Friday and Saturday evenings, besides the regular prayer meeting on Thursday evening. This is surely commendable. The demand of the age is for true men—men who live what they profess—men who are not proud, not anxious to occupy honorary positions, but who are willing to work even in obscurity. The Y. M. C. A. has over fifty men, that are about evenly divided into active and associate members. Here is a body of young men who can do much to influence the moral tone of the college; it is not so much the numbers, as the quality of the members, that determines the influence and standing of the Y. M. C. A. among the other college organizations. The Y. M. C. A. room should be a place, and is in a great measure, where all may meet as Christian brothers, irrespective of class or society. If the members put the same energy into their Christian work as in other fields of labor, the results will richly repay the cost. Every man in college is interested in seeing the college second to none, and the more the Y. M. C. A. does to elevate the moral standing of the college, the more general will be the support from all. There is no organization in college that receives more attention than the Y. M. C. A.; it is right that it should be so. As an organization, it is adapted to young men, especially college students, and as such demands the careful consideration and support of all.

A PHENOMENAL EVENT.

Jan. 12. At six o'clock this morning, the barometer at the Hatch observatory registered the phenomenal record of 28.4 inches, or fully .4 lower than it has ever registered at this place, and .2 lower than the phenomenal record observed at 152 Brant St., N. Y., in 1888, which was then the most wonderful barometric record ever known. At that time there was a gale of wind. This morning there was a wind pressure of 15 lbs. to the foot, and a velocity of 54 miles per hour.

GLEANINGS.

Lehnert, '93, has returned.

Babbitt, '94, has left college.

Don't miss the lecture to-night.

Wells, '93, has not yet returned.

An odd slip: Half right to the face.

Icy sidewalks as usual greet the eye.

Carpenter, '91 carries the mail this term.

There is some artistic skating on the pond.

Some of last term's marks seem to be floating at large.

The Y. M. C. A. held several special meetings last week.

The battalion is having aiming and firing drill at present.

The gold medal is a "dandy." It is well worth working for.

A novel question: "How much land is required to an acre of cow?"

One class has 29 hours of exercises a week, besides three hours drill.

Co. B will have to work to keep the colors at the next competitive drill.

The Juniors are having General History instead of English Literature this term.

Keep your good resolutions for the New Year, and study harder than ever before.

About all the cadets appeared in their new uniforms at the first drill of the term.

Last Saturday, J. B. Hall, '91, while skating, rescued a small boy from drowning.

The AGGIE LIFE heartily wishes a happy and a prosperous New Year to all its readers.

Williams, '90, was almost suffocated Jan. 1, by coal gas. He is still ill from the effects of it.

The ice on the pond, though not very even or glassy, permits skaters to indulge in their healthful pastime.

Amateur boarding clubs were numerous last vacation. Board, 13 cents per day. Outfits now for sale cheap.

The New England Magazine and *The Holiday* are two publications that will be in the Reading Room shortly.

Mr. Canavan made manifest his good will towards the foot-ball team by giving them a turkey supper, Dec. 13.

Several fellows returned late this term owing to a little misunderstanding on their part as to what day college began.

Every man should attend the Union Lecture Course this term. Admission very low, while the lectures will be good.

The electric light fixtures at the New Chapel have been repaired so that we again have the library open in the evening.

This winter every man ought to practise in the drill hall so as to be sure and carry off the laurels of the field day next spring.

Is a room emitting disagreeable odors in a proper sanitary condition? There seems to be one or more in the west entry of North College.

There are three new members in the Freshman class. They are E. W. Morse of Brockton, G. O. Sanford of Winchendon and J. H. Jones of Pelham.

The Morris Drum Corps appeared at Dress Parade last Friday, in new uniforms. With practice and patience we expect to have a good corps by June.

The M. A. C. Boarding Club received a sample of Strawberry Hill pork. It was a superior article; such pork should command a high price in any market.

F. A. Ober, formerly of '72, Government Commissioner for the Exposition at West Indies. Address, care of National Museum, Washington, D. C.

The Athletic Association is not dead yet. As the football season lasted so long last term, it was not thought advisable to light the drill hall till this term.

Ranney, '93, hurt his head on the ice a few days before last term closed and during the vacation he injured his back by a fall. Truly, strength is not everything.

The prizes offered by the W. I. L. S. last term for the best debating, were awarded as follows: 1st prize, E. A. Hawkes, '93; 2nd prize, F. H. Henderson, '93.

Now the drill hall will be lighted every evening, and the apparatus put into good order at once. Some new apparatus will be put in, as a rowing machine, dumb-bells, boxing-gloves, etc.

We expect there will be an individual competitive drill the last of February for the gold medal to be presented to the best drilled man, by Rev. J. B. Drennan. The medal is now on exhibition at college.

F. H. Zabriskee, formerly of '77, now in partnership with Dr. A. C. Deane of Greenfield, is one of the most popular and rising young doctors of this vicinity. His engagement with Miss Fanny, daughter of Dr. Deane, has just been announced.

Every man should take considerable class pride in the field day, and do all in his power to secure the bulk of the prizes for his own class. This will add very

much to the interest of the occasion, and the field day will be an overwhelming success.

The Boarding Club officers for this term are:

H. M. Howard, '91, 1st Director and Pres.,	
M. A. Carpenter, '91, 2d " " Vice-Pres.,	
M. Ruggles, '91, 3d " " Sec. and	
H. M. Thomson, '92, 4th " " [Treas.,	
F. H. Henderson, '93, 5th " " "	

At the next meeting of the W. I. L. S. the following question will be discussed: Resolved, that Canada should be annexed to the United States. Howard, '91, 1st aff., Ruggles, '91, 1st neg.; Thomson, '92, 2nd aff., Stockbridge, '92, 2nd neg. Curtis, '94, Declamation.

As soon as there is good skating on the Conn. River there will be several races held there, such as a mile race, a hundred yard dash, and a four hundred yard dash, all open to the whole college; suitable prizes will be awarded, and it is hoped there will be considerable competition.

Result of the Competitive Drill held Wednesday, Dec. 17th, 1890:

Company A, 457 points; time, 15 minutes.	
" B, 469 " " 13 "	
" C, 443 " " 16 "	
" D, 457 " " 13½ "	

Order of companies, B, D, A, C.

The College Shakespearean Club elected officers for the term last Saturday night as follows: Pres., L. F. Horner, '91; Vice-pres., W. A. Brown, '91; sec., L. M. Barker, '94; treas., H. D. Clark, '93; 1st director, H. M. Howard, '91; 2d director, E. T. Clark, '92; 3d director, F. S. Hoyt, '93.

PRAYER MEETING TOPICS.

Jan. 15.—Our Common Warfare. Phil. 1: 27-30. H. E. Crane.

Jan. 18.—Living Honestly. Rom. 13: 7-14. H. G. Stockwell.

Jan. 22.—God's Care for the Righteous. Job 36: 7; Ps. 34: 15; 1 Pet. 3: 12. E. P. Felt.

Jan. 25.—Afflictions Essential to our Welfare. Sam. 3: 22-41; Heb. 12: 11. H. M. Howard.

W. I. L. S. officers for the term are:

E. P. Felt, '91, Pres.,
H. M. Thomson, '92, Vice-Pres.,
E. A. Hawkes, '93, Sec.,
F. S. Hoyt, '93, Treas.,
W. A. Brown, '91, 1st Director,
H. B. Emerson, '92, 2nd " "
F. H. Henderson, '93, 3rd " "

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Last Monday evening the Natural History Society listened to some interesting papers on the winter habits of animals as follows: E. P. Felt on insects, H. M. Thomson on reptiles and J. Baker on spiders.

At a meeting of the class of '93 held Dec. 11th the following officers were elected for the ensuing term: Pres't, F. H. Henderson; vice-pres't, A. E. Melendy; sec. and treas., F. A. Smith; class capt., E. H. Lehuert; polo capt., J. R. Perry; base-ball capt., G. F. Curley.

The editors of the *Index* wish to express their regret that they have not been able to present the book to the public until this late date, but owing to the negligence of the engravers and binders we have not been able to do so. We sincerely hope that, after waiting so long, you will not have an added disappointment in the book itself.—The Editors.

Tuesday, Jan. 6, there were no recitations after 11.30 in order to allow the students to go to Florence. A large delegation from '94 and the C. S. C. attended the funeral of Henry B. Learned. The service was very impressive. The hall was crowded and many were obliged to stand outside. At the invitation of Mr. Learned a number of the students visited the home of their former college mate, before returning.

The class of '92 held their term election Monday morning. The following were the officers chosen: H. M. Thomson, Pres.; W. I. Boynton, Vice-Pres.; F. G. Stockbridge, Sec.; E. B. Holland, Treas.; G. B. Willard, Captain. F. H. Plumb tendered his resignation as Historian, which was accepted. Geo. E. Taylor was elected in his place. It was voted to hold an auction, Jan. 21, for the sale of the plates used for the *Index*, to members of the class.

Lieut. Cornish proposes to have a competitive drill between the companies, for the honor of color company, and also an individual prize drill for the \$20.00 gold medal presented by Father Drennan of Amherst. This drill will probably take place the last of Feb. in the new town hall; the proceeds to be devoted to the coming field day in the spring, if enough enthusiasm is aroused to make it an object. In the meantime there is a chance for honest work for all of these prizes. Every student should take daily exercise, and also save up his money, by staying in nights, in order to subscribe liberally when the subscription paper comes around, which will be soon.



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have used his work. He will submit sketches and car-
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leaves at 4-45 P. M. At the P. O. mails
close as follows:

Boston,

7-45, 8-30, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.
New York, Western and Southern States,

7-45, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.
Northampton, Springfield and Western

Massachusetts,

7-20, 10-15, 10-45 A. M.; 6-45 P. M.

Northern way, N. L. Northern,

8-30 A. M.

The treasurer will be at his office from 4
to 5 P. M. on Saturdays throughout the
term.

The museum of natural history will be
open to visitors from 1-30 to 4-30 each af-
ternoon excepting Saturday and Sunday.

The college library will be open from 2
to 4 P. M. and from 7 to 8 P. M. each day,
excepting Saturday and Sunday. On Sat-
urday it will be open from 9 to 12 A. M. and
from 2 to 4 P. M., and on Sunday from 2
to 3 P. M.

President Goodell will be at his office
from 2 to 4 P. M. every afternoon except
Saturday and Sunday.

WAS IT A DREAM?

One night while writing I fell asleep,
and upon awakening I read the following,
which I can only account for on the suppo-
sition that it was written while dreaming.
In 1930 I purchased a ticket in Boston for
Amherst. Leaving Boston at 7.15 A. M. on the
Central Mass. R. R., I arrived in Amherst
at 8 A. M., travelling a trifle over two miles
per minute, including stops. The road
was nearly straight, the cars slid along
noiselessly, and I saw there were four
tracks all the way. Upon arriving at Am-
herst I took an electric car for the Agricul-
tural College, which was almost surrounded
by the populous city of Amherst, and ar-
rived on the college grounds in time to
attend chapel exercises.

The huge electric chime of bells was
ringing as I alighted at the chapel door
and I observed 1500 young men file quickly
into their places in the commodious chapel
hall. Soon the service was over and the
students proceeded to their class rooms,
each man with a phonograph in his pocket
to receive the lecture.

After a few minutes conversation with
the pastor, he showed me around, first call-

ing my attention to the singing organ,
which not only sounded the notes but the
words also. Next we stepped outside; in
front of us lay a small campus, beyond, on
the flat below, we saw the athletic fields
and near them a large drill hall. Farther
to the south we noticed the college barn on
the Hadley road. On our right was the
College Library, a nice stone building,
which formerly served as a chapel and
library combined, but was remodeled years
ago to serve as a library.

On our left Zoological Hall attracted
our attention. This building is a large
stone structure, which contains some of the
finest zoological collections in the country.
It has been much improved by a Natural
History Society, that the students have sup-
ported for the last forty years. The
ground floor is occupied by a number of
class rooms where specialists give instruc-
tion in the many subdivisions of zoology.

On the opposite side of the avenue we
saw the Agricultural hall, which equaled
Zoological hall, and contained a very large
collection of agricultural implements both
ancient and modern. The various electric
motors were exhibited, showing their
adaptability to all kinds of work. Here as
in zoology each professor instructs in a
special branch of agriculture.

Beyond Zoological Hall, on the same
side of the avenue, there is a large six story
building and several smaller ones behind
it. The large building is the Mechanical
and Electrical Hall; let us enter. On the
ground floor we see a number of class
rooms, one being devoted to instruction in
light, another heat, another electricity,
etc., one room to each subdivision of
Physics. On the second floor are numer-
ous rooms for the purpose of practical ex-
periments by the students; the remainder
of the building is devoted to the large
museum.

Next we proceed in a northerly direction
past the Chapel and Library, and on the
opposite side of the avenue, Medical Hall
attracts our notice. Here we observe stu-
dents in one room listening to a lecture,
while their phonographs record it; in
another room students are experimenting,
and in several other rooms they are
dissecting. The upper stories of the build-
ing contain a museum of anatomical models
and ingenious medical appliances.

North of the Medical hall is a large
chemical laboratory and museum combined.
This building has not been named as yet,
but it has several large rooms, each with a
specialist who instructs only in his branch

of chemistry. Above the lecture rooms is a large collection of minerals, all nicely arranged, labeled, and catalogued.

Opposite the chemical laboratory there is a large building where instruction in the social science is given by a competent corps of professors.

Following the winding path across the valley, past the lake, we come to the Botanic Museum and the green-houses. The Museum contains a number of large lecture rooms and a nice roomy laboratory on the ground floor. In the museum, in the upper stories, there is a fine collection of woods, models of fruits, and plants. The surrounding grounds and the green-houses contain living specimens of almost all known plants. As we return by the shady walk to the college proper, we can but admire the avenues completely arched over by fine trees that are still in their prime.

The drill hall and the parade ground near the athletic field afford ample room for drill. On the plains below we noticed a body of cavalry manoeuvring. The barn near by allows the student to become familiar with the practical details of farming. The farm keeps up with the times and uses only the best and most improved machines.

The students take an active interest in athletics, they take plenty of exercise and are not afraid of work.

They room either in club houses or in private homes; there are no dormitories. Those that room in the city ride back and forth on the electric cars.

Writing has passed out of date with the advent of the phonograph, which not only records, but repeats at pleasure. The students maintain several debating, social and secret societies. A paper that was started forty years ago, as a bi-weekly, has now become an eight page daily with a circulation of 10,000.

The college buildings are all heated and lighted by electricity, the electric engine is located in a small building in the rear of Mechanical Hall.

The course after the first year is optional, the student graduates in from four to six years, and the graduates are always in demand.

The students came from all classes of society; the majority are farmers' sons. Since 1906 most of the students return to farming, thus giving us a rural population of a very high average intelligence.

E. P. F.

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AGGIE LIFE



J. STURGIS BOSTON

AGGIE LIFE.

VOL. I.

AMHERST, MASS., JANUARY 28, 1891.

No. 8

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COMMUNICATION.

Messrs. Editors:—The writer is glad to see that the students of his *alma mater* have at last found the circumstances favorable to the publication of a college paper, and he congratulates the Board of Editors on the success they have thus far made of AGGIE LIFE. He earnestly hopes that the alumni will cordially support this enterprise, by seeing that their names are promptly entered on the subscription list.

Many of the readers of this paper, busied in getting an education, may, perhaps, find a few words relating to the German University of some interest to them.

In the first place, the University system is entirely different from that of the average American College. The Johns Hopkins University in Baltimore, and Clark's University in Worcester, are the only two institutions in America, founded after the pattern of the German institution, and as yet, they are only partially organized. The Universities here have no classes, no graduation, and the authorities have absolutely no control over the doings of the students, provided they in no wise disturb the peace of the community. No man is kept back because of another's dullness, or advanced by clinging to the coat-tails of brighter or more industrious fellow-students. He is left entirely free to work out his own education. No dormitories or the like are provided, the university buildings being used exclusively for lecture rooms, laboratories, and for the preservation of collections. The different universities are controlled by, and derive their financial support from the German government. The university here at Gottingen, founded in 1737, has at present nearly 1000 students. Among the other noted universities of which Germany can boast, some of them containing four or five times as many students, may be mentioned those at Berlin, Leipsiz, Bonn, Munich, Halle, Strassburg and Heidelberg. The corps of instructors are divided into faculties, as for example, the philosophical, legal, theological, etc. The university year is divided into two terms, or *Semesters*, as they are called. The Winter one begins about October 15, and ends March 15, while the Summer *Semester* opens, nominally, April 15, and closes August 15. These *Semesters* are

quite a little shortened, from the fact that the Professors do not begin their lectures till from ten days to two weeks after the dates above stated, and close generally a week earlier.

Perhaps the reader will get a better idea of the system, if we endeavor to follow the course of a student, as he starts upon a course of study at the Göttingen University. The first indications the student will have of the beginning of the *Semester*, will be a notice, published in one of the university buildings, stating that on such and such days students may matriculate at such an hour for the coming *Semester*. The student presents himself at the appointed time at the *Immatrikulation Salle*, and from this he goes to a smaller room, where sit the Secretary and his assistants. Here he answers any questions that may be asked him, fills out a blank, giving concisely his history to date, and after paying 18 marks as the price of matriculation, and contributing to the poor, by depositing what he will in the box placed before him, he retires, with the understanding that he is to come again a day or two hence at a certain hour. A deep voiced American, whose knowledge of the language appeared to consist only of the words *ya* and *nein*, being about to matriculate, was asked what his name was? "*Ya*," he replied, in his deep voice. The question was repeated with like results. The clerk thought he would try him in another direction, and asked, "*Wo suid Siè zu Hause?*" meaning, where is your home? "*Ya, Ya*," was the reply in still deeper and louder tone, and the clerk gave up the effort, and called for help. All those who, on the same day have completed this part of the matriculation, come together again on the day or two following, and are met by the Pro Rector, who corresponds in a measure to the President of an American College. He delivers a short address, saying in substance that the students are expected at all times to obey the laws of the university, and at its conclusion, calls the names of each man separately, shakes him by the hand, welcoming him to fellowship in the university, and presents him with his certificate of membership and several necessary papers. Shortly after the matriculation is completed, the student will begin to

see notices posted on the bulletin boards, stating when, and on what subjects the Professors will begin to lecture, and when the different laboratories will open for work.

A book is provided each student, in which he enters the lectures he will attend. This book the student takes to the Treasurer within four weeks after the opening, and the latter enters the cost of each course of lectures in its proper place. The price is anywhere from 5 marks to 40 marks per course, each *Semester*, depending on the number of times the professor reads each week. The student having paid, presents this book to the professor, who signs it, certifying that the student is in attendance at the opening of the course. This book the professor also signs a few days before he closes his lectures, his signature having a similar signification. The total cost of instruction per year varies greatly. If a student has much laboratory work, he will probably pay about one hundred dollars, while if little or no such work is done, one half of the above sum will be nearer the necessary amount. The reader will thus see that one is left entirely to his own pleasure as to what he will study. He can select any subjects he likes, and pursue them as long as he desires.

One need not attend lectures at all regularly if he has not the inclination, and if the number of students is large, the professor will scarcely notice his absence. A good story was once told me by a friend. A student wished to have his book show that he had attended a certain course of lectures given by Prof. X. He heard one lecture at the beginning of the course, and the Professor signed his book. Shortly before the close of the course, wishing to have his book again signed, he went to the Professor's office for that purpose. Not having seen the gentleman but once, he had forgotten just how he looked, but forgetful of the fact, he entered and inquired if Prof. X. was in. Upon being asked what he wished, he explained the object of his visit. Imagine the consternation of our student, when the Professor, after looking at him critically for a moment, quietly informed him that he was Prof. X. and he regretted very much that he could not favor him with his signature.

Many German students spend a *Semester* or perhaps two, at quite a number of different universities, and thus have the privilege of hearing and learning the methods of work, of many of the ablest educators.

The degree given by a German univer-

sity is that of Doctor of Philosophy. Considering the number of students who attend, very few take a degree. In Göttingen, should a man wish to obtain the degree, he must have spent at least 3 Semesters at that institution and prepare himself for examination in 3 studies. In his major study, or *Hauptfach* as it is called, he must present an original investigation or *Arbeit*, which meets the approval of the professor. In his minor studies or *Nebenfächer* no *Arbeit* is required, but the professor will outline what is required in each of the studies. After the *Arbeit* is completed, and the student considers himself ready to be proved, he hands it together with his application for an examination, the latter written in Latin, to the Dean of the faculty, who appoints a certain day. The examinations are held from 6 till 8 in the evening, and are conducted by the three professors with whom he has especially studied, and the board of the examiners appointed by the university. The day before the examination, the student according to custom, in full evening dress, is driven to the houses of the different members of the examining board, and sends in his card. Quite often he is invited in, while at other times he is informed that the gentleman is very sorry, but he is at present engaged. An American who made his examination but a short time ago, on making this formal visit, was received by one of the examiners with whom he was not at all acquainted. After chatting for a few minutes, the Prof. said, "Yes, *Mein Herr*, you look so very fine, it will be a great pleasure for me to assist in examining you this evening." The cost of an examination is about \$100, and if the student fails, he gets back but a small part of it. If he is successful, before he can receive his degree, he must have his *Arbeit* printed and present the University Library with 300 copies. Perhaps in the future I may have a few words to say about the German professor, and the advantage of German methods of instruction.

J. B. LINDSEY.

Göttingen, Dec., 1890.

A FRESHMAN'S STORY.

I'm a merry little Freshman,
Scarce five feet two in height,
I'm a model of perfection.
I always do what's right.
My papa sent me here one day
To make me good and true.
Said he, "The college atmosphere
I'm sure will do for you.
It will make you strong and healthy,

Give vigor to your brain.
You'll be almost a man, my son,
When you come home again."
And so, you see, I came here, friends,
And so I'm here to-day,
And so I've got to stay here, friends,
That's what my parents say.
'Twas a day in last September,
On Wednesday, I believe,
When I set about my duties,
Book learning to achieve.
I was shown a horde of classmates,
Some fifty-five or more,
From country farms, a host of them,
And verdant to the core.
I had a room in North College,
Above two flights of stairs,
And there my chum and I did strive
To mind our own affairs,
But oh, alas! The Sophomores,
The class above, you know,
They stacked our room and stole our books,
'Twas mean to plague us so!
And yet we've never had to turn
From duty's narrow path,
We've studied hard on Hydrogen,
The valence Chlorine hath,
We've learned the properties of x ,
Equations, and all that,
We've read a Latin grammar—some
Amo, Amas, Amat,
We've said it o'er, and o'er, and o'er,
And yet we know it not,
We're always called upon to say
Just what we haven't got.
But though these obstacles we'll meet,
We'll "get there just the same,"
We're never known as "verdant" now,
We've won a better name,
This college is a funny place,
With funny students, too
A funny lot of ways they have,
And funny things they do.
At first we went to bed at eight,
Until the "Owls" came round,
Since then we've thought it best to wait
For later hours to sound.
We go to chapel Sunday morn
And hear a sermon long,
We hasten to the boarding house
At sound of bell and gong.
And though you think us "young and fresh"
In numbers we surpass,
Just give us time, and you shall see
The merit of our class.
I'm a merry little Freshman,
Scarce five feet two in height,
I'm a model of perfection,
I always do what's right.
I'm free from all conditions now,
A "crib" I do despise,
I never cut a drill hour now,
Or wickedness devise.
I black my shoes three times a day,
For I'm a tidy lad.
I never, never, go to Hamp.
For mama says it's bad.
And so you see I'm still here, friends,
Because I came to stay.
I don't intend to leave here, friends,
Unless I'm sent away.

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OUR COLLEGE PUBLICATIONS.

No college would be complete without some sort of a publication, something in which the students could express their views on matters of practical interest to the college, as well as ply their wit at the expense of their college mates. A feeling of such a need very early possessed the students at Aggie, for hardly had she been founded and the first class entered and established when a small pamphlet entitled *Grand Menagerie at the Massachusetts Agricultural College* was issued. This consisted solely of a "grind" upon every student in college, comprising none of the more sedate matters characteristic of the publications of the present day. It was published in 1869, and this was the only volume issued.

Very soon afterwards, indeed the same year, the first copy of the *Index* appeared, and this has been sent out every year since by the Junior class. Each class vies with every preceding one in the effort to produce a better *Index* than any which has gone before, and so it has improved from year to year until the one recently issued, which (so the Juniors say) is the best of all. The earlier volumes were much smaller than the later ones, and contained little but class communications, compilations of officers, and the like. Now an *Index* would be considered no *Index* at all if it did not have a good many cuts as well as grinds upon the Faculty and students. Formerly it has appeared in a paper cover, but this year it was bound, thus adding both to its beauty and durability.

In the summer of 1879 the first volume of the *Cycle* was presented to the public by the D. G. K. society. This has been issued every Commencement since, and, although it ordinarily contains much of general interest, it is devoted more particularly to the interests of the fraternity. It is issued the Monday before Commencement, but a supplement is issued Commencement day giving the events of the week.

Last, but not least, in our enumeration comes AGGIE LIFE. There is, perhaps, not much in the past to boast about, as it is less than four months since it was given birth; it is also too early to prophesy of its future. And yet it has come to stay. The reception given it by the students shows that it was needed. The *Index* and the *Cycle* serve the purpose of reviewing the most important events during the past year, and suggesting some improvements

for the future, but a desire was felt for a paper issued oftener, giving more in detail the history of the college; this desire AGGIE LIFE endeavors to satisfy. At first some fears were expressed lest it should undermine the *Index* or the *Cycle*, so that they would not be issued. But this should not be so. We have none too many publications, but let us devote our first interest to our college and then to our class and society publications. J. L. F.

THE INDEX.

The first thing to strike the reader of this volume of the *Index* is its late appearance, but this we understand is not the fault of the Editors, as they got their copy to press, they say, as soon as possible. It is increased in size over former years, both in size of pages and number of them. The introduction of cloth binding is a step taken in the line of improvement.

'92's board of Eds. have kept up all the essential features of former years and originated some of their own. Those retained have been elaborated and improved. One innovation is in the manner of chronicling the important events of the year. The happenings of each month are grouped together on a separate page and with a fitting cut for each month. We had almost forgotten to state that this edition has no frontispiece. We do not know why this is. Perhaps it was an oversight, perhaps the Editors thought the frontispiece played out.

The book contains an unusually large number of cuts and poems, the former of which show the artist to have been an apt student of nature.

The photogravures of the college teams are at once an innovation and an improvement. The poems and grinds we leave to the judgment of our college mates. The Editors seem to have been determined that the Faculty should not feel slighted, and have ground them faithfully.

We notice in looking over the pages a new Aggie Alumni Club, that of the Western states, and—alas, a memorial page devoted to the memory of a dead college mate.

The work contains about the average number of mistakes and misstatements, but these, perhaps, are unavoidable. We would counsel '93, however, to make previous arrangements with engraver and printer, by which they may depend on getting their *Index* out before Christmas.

AGGIE LIFE.

Published Fortnightly by the Students of the
Mass. Agricultural College.

Terms \$1.00 per year, in advance. Single copies, 10c.

Entered at the Post Office as second-class mail matter.

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IN THIS number we publish the new rules and regulations governing the admission and standing of the students. By these new rules the standard is raised to 65%. This is a step in the right direction. There is an old saying, that "whatever is worth doing at all, is worth doing well"; this applies with especial force to our college course. With the new standard more thorough work must be done by the few who tend to lag, while the others will be encouraged and stand even higher. To obtain the best results it might be best to reduce the number of studies, because as it is now, some men may be crowded rather too hard; as, for example, last term was very hard on one class at least, and for the benefit of those who come after, we hope no other class will suffer from a similar overdose of learning.

It is with pleasure that we publish a letter from J. B. Lindsey, '83, now at Göttingen University, Germany. We wish that more of our alumni would follow his example and give us some interesting letters in regard to their surroundings, business, etc. The alumni should remember that here are over a hundred men, who will shortly go out into the world, some of whom may follow in the footsteps of other graduates. To such men as these, letters giving short sketches of the conditions and business opportunities surrounding our predecessors, in their various locations, would be very acceptable. In such letters many interesting facts may be brought out that cannot be obtained in any other way, and they are not only interesting to the students but many of the alumni must also be interested in the fortunes of their college mates.

SOMETIMES we hear a man say "I shall not be around to the meeting to-night, as I have an appointment to speak and cannot find anything on the subject." And our friend passes on, feeling that it is perfectly

right to evade an appointment, simply because the condensed facts are not in his hands. Is this the proper position for a College man to take—a man who has access to several good libraries? Can such a man honestly claim, that there are no facts within easy reach, relating to the subject assigned to him? Again, is it the part of a gentleman to sneak out of an appointment simply because he is too busy, or has too little interest in the matter? If it is impossible to attend, it is much better to provide a substitute. If it is lack of interest, the question might well be put, why did you allow yourself to become connected with any such organization? Let every man do his duty; dead-heads are of no account in any position.

THE principal resort of the idler is in another man's room. He knocks at his neighbor's door and, in many cases, out of charity is told to come in, with which request he invariably complies. He doesn't seem to have any special business to transact, but having tired of lounging in his own room, he decides that he will just run over and see his friend Bradford a few moments. This generally results in a more or less waste of time for both men, and if Mr. Bradford happens to be one who values his minutes, he will sadly feel the loss, and perhaps will say as one often hears said, "I wish I roomed in a private house instead of in this dormitory." This ought not to be thus. There is, of course, reason in this matter of visiting, as in everything else. There may be some information you wish, some particular work bearing upon a certain branch of study that you could get by going to your neighbor's room. If such be the object, go by all means. Again, you may be strongly urged by a man to call upon him in his apartments at a certain time. If such be the case and you are at leisure, then feel at liberty to become his guest, as by so doing much good may often be derived, if the conversation is centered on subjects of general interest. But the prevailing idea is, among a large class of students, that they are at liberty to run in and out of other's rooms at pleasure, bother the occupants as much as possible in their pursuits, and it is all right and proper. Break yourselves of this habit, for it is nothing but a habit. You not only injure yourselves by its practice, but you are certainly trampling on the rights of others and are doing them a severe injustice. If some individual told you of this when you came lounging around his room, while he

was desirous of studying, you would undoubtedly stamp him a "crank" of the worst kind. But kindly take these words of advice from AGGIE LIFE as you would those of a dear friend, and duly consider their import.

GLEANINGS.

Jan. 16th, *Index* comes out.

Another snow fight is in order.

Why does Willard look so queer?

W. A. Brown, '91, spent Sunday at Ware.

Kirkland '94 went home last week for a few days.

The singing school has started with over thirty men.

Remember the lecture on A Yeast Cake, by Prof. Tyler to-night.

Prof. Mills was unable to take charge of the Bible class last Sunday.

Last Sunday's storm caused rather a slight attendance at Chapel.

Hull and Lage seem to think they have a mortgage on the class cup.

How can a Prof., while lecturing, refer to points mentioned next term?

W. S. Pember '93 has left college. He will remain in town until May.

J. M. Herrero, '90, will start for his home shortly at Jovellanos, Cuba.

What are you doing, Paige? Isn't it about time to commence base-ball practice?

A glowing tribute—Dr. Goessmann: Go to Mr. Smith, he knows everything about here.

Don't forget the half dollar due the Athletic Association, as they are sadly in need of it.

The increased amount of H₂O on the pond last Thursday caused the dam to break away.

The first and second lectures of the Union Lecture Course were crowded as they deserved to be.

Within the last ten days the pedestrians and the sidewalk have been on terms of shocking familiarity.

P. E. Davis, J. E. Cook, E. C. Howard and T. F. Keith were elected members of the M. A. C. Boarding Club.

In all probability there will be a Senior promenade directly after the President's reception next Commencement.

H. E. Crane, '92, who has been at home for some time afflicted with an ulcerated sore throat, returned last Monday.

C. S. Nauss, ex-'92, is spending a few days about college. We heartily welcome him to the scenes of his old associations.

Next Thursday is a day of prayer for colleges. Rev. E. W. Gaylord of North Amherst will probably address the students.

The drill-hall is now lighted evenings and it is hoped the students will improve the opportunity thus offered them of taking exercise.

The Governor has referred the decision of the question pending between the Institute of Technology and this college, concerning the recent grant, to the Legislature.

Gen. Howard witnessed the dress parade and company drill while here. He was much pleased with the battalion and was surprised to receive his salute of thirteen guns.

Our delegates to the convention of New England College Y. M. C. Associations to be held at Williamstown Feb. 6-8, are Pres. H. T. Shores, Cor. Sec. E. T. Clark and F. S. Hoyt.

Hon. James S. Grinnell of Greenfield and Hon. Joseph A. Harwood of Littleton, whose terms of service as members of the Board of Trustees expired this month, have been re-appointed to the Board.

One of our best exchanges is the *Purdue Exponent*. It is always bright and interesting and full of snap, qualities of the greatest value in a college journal. In the January issue *A Novellette* and *Why Not Play Tennis?* are of special interest.

Friday, Jan. 16th, Representative Smith of Amherst offered the following order: "Ordered, That the committee on military affairs consider the expediency of transferring to the Massachusetts Agricultural College such state military property as the College is now accountable for."

A new arrival at our exchange table is the *Swarthmore Phoenix*, from Swarthmore College, Penn. It is a first class monthly and shows some very good literary work, still it fails, as most monthlies must, in recording much of the inner college life that is so interesting to all readers.

Unfortunately for the skating races on the Connecticut, a heavy snowstorm came up Saturday morning, Jan. 17th, and put a damper on the sport. There would have undoubtedly have been a good many on the river to watch the races as thirty men were going over in a large team. However let us not lose heart, for the races will come off just as soon as there is any more good skating.

The Massachusetts Agricultural College Club of New York has elected the following officers for the ensuing year: Asa W. Dickinson '74, Pres't; Edgar H. Libbey '74, 1st Vice-Pres't; C. E. Young '81, 2nd Vice-Pres't; A. W. Lublin '84, Sec'y-Treas.; John A. Cutter '82, Choregus. The business office of the club has been removed to 529 Broadway, Room 96. Mr. Lublin extends a cordial invitation to everyone connected with the college, who may visit New York, to make the office their headquarters.

The annual meeting of the Board of Control of the State Experiment Station was held at the office of the secretary of the Board of Agriculture, in Boston, Jan. 9, 1891. The report of the treasurer showed receipts for the year 1890, of \$13,342.07; expenses of \$12,998.21; cash on hand, \$343.86. The value of the property of the station was shown to be \$38,789.50. The following officers were elected for the ensuing year: Vice-president, Pres. H. H. Goodell of Amherst; secretary and auditor, Wm. R. Sessions of Hampden; treasurer, F. E. Paige, Esq., of Amherst; director, Dr. C. A. Goessmann of Amherst.

Last Friday evening the Washington Irving Literary Society met and discussed the following question. Resolved, that the railroads should be controlled by the government. The weight of argument and the merits of the question were in the affirmative. Mr. E. W. Morse was elected a member. Next Friday evening the following question will be discussed—Resolved, that foreign immigration should be restricted. Appointments as follows: 1st Aff. W. H. Ranney, 2d Aff. H. G. Stockwell, 1st Neg. F. T. Harlow, 2d Neg. A. R. Streeter. Declamation by F. L. Green, reading by G. E. Smith, essay by E. L. Boardman.

The annual meeting of the Board of Trustees of the Mass. Agr'l College was held in Boston, Jan. 8, 1891. The report of the treasurer showed the receipts for the year 1890 to have been \$52,374.66; amounts paid, \$48,686.32; cash on hand, Dec. 31, 1890, \$3,688.34. The real estate of the college is valued at \$233,840.00 and the personal property at \$46,164.37 or a total of \$280,004.37. The receipts from funds for the maintenance of the college amounted to \$30,794.13 in 1890.

His excellency Wm. E. Russell was elected president; Hon. James S. Grinnell of Greenfield, vice-president; Hon. Wm. R.

Sessions of Hampden, secretary; Frank E. Paige, Esq., of Amherst, treasurer; Hon. Chas. A. Gleason of New Braintree, auditor. The standing committee elected were the same as recorded in the catalogue of the college for 1890, page 40.

It was voted that the committee on legislation be instructed to make application to the Legislature to have the military property of the state, now in the hands of the college, turned over to the college.

THE GYMNASIUM.

Before this reaches our readers we hope that the work of repairing the apparatus in the Drill Hall will be well under way. An inventory has been taken of what repairs are necessary and some money has been raised. The directors thought it advisable to call for a tax of fifty cents from each man in college. The secretary and treasurer has been delayed about collecting by a press of other business, but now he is more at leisure and will collect the residue as soon as possible so that repairs and new purchases may be made expeditiously.

A few chest-weights need to be repaired, and as soon as they are attended to a circular roof will be built over the striking-bag, so that the latter will return quickly after a blow. We hope also, with the permission of Lieut. Cornish, to add a few new machines to our present outfit. A vaulting-horse, for instance, would be a popular and useful article, and could be easily set out of the way pending drill hour. A complete rowing machine, too, might be made by adding a sliding seat, handles and outriggers to one of the back and loin machines and it would not be large enough to seriously interfere with drill manoeuvres. It is hoped also that we can bring the horizontal bar nearer the floor, by means of a detachable post, to be set just below the shorter post and secured at top and bottom with bolts.

It is highly desirable that if anyone should break or injure any piece of apparatus he should report the damage at once to a director, for the Association will itself repair all harm done in legitimate use of the machines.

We earnestly request our fellow students to pay their taxes to the Sec.-Treas. when he asks for them, or as soon as possible after, as demurring to do so would be a blow to the general interests which the officers of the Association represent.

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LAST MEMORIES.

Our foot-ball team has passed away.

And with them all their care,

For on a cool December night

They climbed the golden stair.

Their muddy suits are laid away,

And likewise all their fame;

For in the course of three long months

They captured just one game.

The rush-line was a solid set

Of Agricultural boys,

And when they lined up for a V

They made a terrible noise,

And worked like demons in a fight,

Determined to win or die,

But to some of us they worked enough

To eat a "hash house" pie.

Now as the days were passing by,

And they like toughs did look,

The Manager took them all down town

And had their picture "took."

And as they grouped themselves around

They found that some were late,

And the artist had to hurry so

He almost smashed a plate.

But now they are dead and gone,

Their virtues we may remember,

And how they suddenly left us

On that cool night in December.

And in conclusion we would say

That they did excel in bunting

And strange to say they won a game

When they were out "Stagg" hunting.

H. E. C.

MUSIC IN COLLEGE.

There are few things in our college life that give more pleasure or that serve to enliven us more than music. We all have one instrument, the voice, which with proper training is an inexhaustible source of pleasure.

Whenever a number of students get together for a good time, college songs are nearly always resorted to and are thoroughly enjoyed by everyone.

Among so many students it would seem to be an easy matter to select eight or ten good singers for the choir, but, on the contrary, experience has shown that it is difficult to get first class ones. There are a great many who can sing by ear, but who cannot read music, and so are not fit to sing in a choir, although they may have excellent voices. Now one of the principal objects of the singing school is to enable us to read music well, and it is the duty, as well as the privilege of a person having a good voice to learn how to use it. The Faculty have been very kind in offering us the advantages of a singing school during the winter term, and all who care anything for music should show their appreciation by attending the rehearsals.



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A very noticeable thing to a person attending Chapel or the Sunday morning service for the first time is the scarcity of singing books. There are only a few books and part of those are so torn and worn out as to be of little use. To one who likes to sing, it is sometimes very unpleasant to hear others about him singing and to have no book himself.

If a few more singing books will improve the singing in our religious services, why can we not have them?

F. H. H., '93.

NOTES FROM A DIARY.

"Swipes! Oh, Swipes!" The cheerful words came floating up through the wintry air to my window, through which the noon-day sun was streaming, making a broad patch of yellow light on my carpet.

I looked out, and for a moment forgot the dry and uninteresting text book to enjoy the little scene below.

A few students, pausing on their way, to watch the antics of a very dirty looking dog. A common sight, no doubt, and yet as I heard the merry laugh, and noticed the good natured looks of both students and dog, I couldn't help but feel that my time was not wasted. It is just such incidents as these that help make enjoyable the sometimes dreary routine of student life.

So I thought, as in obedience to the imperative call of the bell, I went to recitation, with the words ringing in my ears, "Swipes! Oh, Swipes!"

Early one afternoon last week, as I was strolling around the college, I could but wonder what had become of everybody. The reading room, usually at this time full of students waiting for their letters from home, was deserted. Amazed at this circumstance, I entered the dormitories. No one was in sight, but from the rooms there issued loud and boisterous laughter, mingled now and then with expressions "a la French." Soon I caught a glimpse of a person hurrying out of the "tower," and disappearing. Soon another and another followed him, looking to the right and left as if in fear of assault. I accosted a Senior as to the meaning of all this. "Why man, you are behind times," he said, "the *Index* has appeared, and these are the editors."

Arms, PORT! It is the same old story, three days in the week, twelve weeks in the term, three terms in the year, "and so on to infinity."

The Captain slowly comes down the line.

How quickly the thoughts flash through our brain. We wonder if our shoes are blacked. How we long to remove our eyes just for an instant from that crack in the floor which marks the fifteen yard line. We can almost feel the watchful eye of the 1st Lieutenant behind us. Then our mind wanders, and we wonder how those problems are to be done, and if we will have hash for supper, and who that young lady is that just came in, and — "Private — Report to the Commandant!"

Any one who will go over to the gymnasium during practicing hours will have a chance to get an idea of the base ball prospects. I went in there the other day to see how the boys were getting along, but soon retired for my own safety with a vivid imagination of triumphant victories and the firing of Lieut's powder. But remember, the players cannot do all the work. Let every student do his duty when that "tax-fiend" comes around.

C. F. W.

HINTS ON STUDY.

How many students know how to study in the best way? We all agree that by studying, we mean the application of the mind to a certain subject or object, for the purpose of obtaining information. Now, how is this to be done? In the first place a student must possess the ability to concentrate his mental powers on one thing. To do this thoroughly he must be free from disturbances of all kinds, he must be in perfect health, and have his mind free from all other duties. It is useless to attempt to study when the body is tired and the whole system demanding rest; the attempt results in little more than a continual struggle to keep the attention on the lesson before the student, or, perhaps, after an hour or so of such mental strain he succeeds in subordinating the physical nature to the demands of the intellect and really acquires considerable knowledge; in fact, he seems to have forgotten that he was tired. But knowledge obtained by such means is very dear, for the student has been studying on his nerve power; he has been sapping his life to obtain a little more knowledge. This is a crime against himself, but many practice it, and in later life these same men wonder why they break down so soon.

In college, it is very easy to undermine the health by working daytimes and studying nights, and many who are not obliged to work accomplish the same thing by using all their energy in pleasure.

If any man should keep regular hours,

and have abundant sleep, it is the college student. The four years spent in college are plenty long enough to wreck the strongest constitution. Again, we see students studying a text book, blindly, accepting all that is set before them, without questioning for themselves whether the principles presented by the author are the true ones or not.

A student should take time enough to reason out these principles for himself and thus train himself to discern between the true and the false.

One of the great failures of the American people is that they are always in a hurry and rarely take time enough to do a thing well. As intelligent college men we should recognize this tendency, and guard against it, while in college, by taking time enough to thoroughly master the principles brought to our notice. If we do this, we shall form a habit that will cling to us through life. E. P. F.

PRAYER MEETING TOPICS.

Jan. 29.—Fleeing to Tarshish. Jonah 1:3. J. Baker.

Feb. 1.— { Omnipotence, Deut. 10:17.
God's { Omniscience, Ps. 139:1-6.
Attributes { Omnipresence, Ps. 139:7.

W. A. Brown.

Feb. 5.—The Fatal Choice. Gen. 3:1-6
G. E. Smith.

Feb. 8.—Christ's Pledge. John 6:37.
W. H. Ranney.

At a meeting of the Faculty held Dec. 19th it was voted:—

1.—That when a student is admitted to the Freshman class with conditions, he shall be examined in the middle of the term, and if he fail to pass, he shall be examined again two weeks before the end of the term. If he fail to pass at this time he shall be dropped from the college.

2.—When a student is conditioned at the end of the term in one, two or three studies, he shall be examined at the middle of the next term. If he fail to pass he shall be examined again two weeks before the end of the term and if he then fail, he shall be dropped back into the succeeding class.

3.—When a student's average in each of four or more studies in a term falls below the required standard, he shall be dropped back into the succeeding class.

4.—When a member of the Senior class, because of illness or any other reason, is not able to pass one or more of his examinations before Commencement, his degree shall be withheld until all conditions are made up.

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AGGIE LIFE.

VOL. I.

AMHERST, MASS., FEBRUARY 11, 1891.

No. 9

QUALIFICATIONS OF THE ORATOR.

Oratory is a certain power of persuasive eloquence which cannot be borrowed from another, or attained by storing up elocutionary principles in the mind; it must exist in the man, and flashing forth from his every feature, finds easy expression in words both true and forcible.

One of the first essentials to the success of the orator is a clear perception. A public speaker, to hold the attention of his audience, must first have a clear apprehension of what he wishes to say.

Next in importance is the memory. The true orator is he whose head is filled with facts, which, readily called to mind when desired, have the power, as they fall from his lips, of moulding the sensibilities of the hearers, even as the huge trip-hammer, falling upon the rough piece of metal, converts it into the form desired. With the strong memory, there should be a lively imagination. This is needful that the orator may be able to put his ideas and facts instantly and gracefully into smooth, flowing language, as circumstances require.

Next, and perhaps of no less importance, is logical acuteness—that ability to express truths with such systematic accuracy that the hearers can see no possible conclusion except that which the speaker would have them see. This power fails of its efficiency when clearness of mind and quickness of apprehension are wanting to distinguish the principles involved. Such was the case to some extent with John C. Calhoun; he was possessed of uncommon logical acuteness, but failing to examine carefully his premises, his precise logical arguments sometimes led him to astounding, or even absurd conclusions.

A strong will supported by integrity of purpose and manly character is another of the moral elements essential to the orator. One who is to persuade others to action must first have the strong determination deep-seated in his own nature. This it was that gave Mr. Adams such a power in the Congress of 1776. Those memorable words attributed to him, "Live or die, survive or perish, I am for the Declaration," possessed a magnetism that stirred the bosom of every true patriot in the Colonies. We sometimes meet persons who, having

this peculiar trait of character in a marked degree, exert unconsciously a subtle influence on those about them, by every word they utter, like the action of a hidden magnet beneath the paper of iron filings.

Again, the orator finds frequent use for the passionate nature. The emotional trait is well illustrated in the character of Daniel Webster. He had a loving nature and a warm, generous heart. Think of Webster effectually pleading the famous Dartmouth College case without the accompanying throbbing of his great passionate heart, as the sympathetic tears rolled from his noble face. It was his powerful reasoning, "permeated and made red-hot with passion," that won that case, and with it, for him, world-wide renown.

But to express the passions most forcibly, certain qualifications of the voice are quite necessary. This power in its perfection demands a well-trained, penetrating and wide-ranging voice, by which all the delicate variations of sense, the agitations and shudderings of the heart, no less than the strongest acts of the intellect, may find an accent.

Dr. Matthews says that "eloquence is a physical as well as an intellectual product." In addition to the earnest, penetrating voice, an orator should have the bodily power and activity of the athlete; the strong, robust physique to sustain him during protracted seasons of severe nervous tension.

The most powerful speakers, in all ages, have been distinguished for bodily stamina. They were men "who, while they had sufficient thought-power to create all the material needed, had preëminently the explosive power by which they could thrust their materials out at men." It was said of Lord Erskine that "his action sometimes reminded one of a blood-horse. When urging a plea with passionate fervor, his eye flashed, the nostril distended, he threw back his head, his neck was clothed with thunder. There was in him the magnificent animal, as well as the proud and fiery intellect, and the whole frame quivered with pent-up excitement."

It has been said that "there is no effort of the human mind which demands a rarer combination of faculties than does oratory in its loftiest flights." And although the

eloquence of the true orator can be attained only by the few, yet that fact should deter no one from aiming high.

As college graduates, we shall be called upon sooner or later, more or less frequently, to express our thoughts in public, and then the importance of knowing how to express an idea in clear, vigorous English will be keenly felt.

How shall this power be acquired? We are here preparing for our life work. If we neglect any part of that preparation, we shall fail in a measure to meet the demands that the world justly makes upon us. Frequent use of the pen in writing cannot be urged too strongly as a means for cultivating a good style of expression. It is encouraging to see this branch of instruction occupying a more important place in the college curriculum than it has heretofore. In regard to the value of composition as a means for educating the thought powers, Cicero says that in writing on a subject we give more than usual attention to it, and thus many things are suggested to us of which we should otherwise never have thought.

In order to make the most of our instruction in composition and oratory, it is of prime importance that everything should be done to the best of our ability. By putting careful and persistent study on every attempt in this line, we will become accustomed to choose the best words in which to clothe our thoughts, thus giving beauty and finish as well as force and vividness to the production.

Another practice which has proved very beneficial to many is that of carefully reading and re-reading the best authors, committing the finest passages to memory, so as to be able to repeat them at any moment without effort. In this way the memory is strengthened and the mind enriched by the thoughts of others expressed in the happiest language. Burke was especially fond of Virgil and Milton, and his speeches sparkled with poetical gems from their writings. William Pitt deposited in the cells of his memory numerous fine passages from the Greek, Latin and English poets which he afterward wove into his speeches with the most telling effect. It is said that Erskine was so familiar with Shakespeare that he could almost have held conversa-

tion for days on all subjects in the phrases of the great English dramatist.

Still another help to the youthful orator is found in conversation. It may seem strange to speak of a college student as not knowing how to converse; yet the fact should not be overlooked that there are young men in our colleges who prove a bore to their companions or society, either from their inability to carry on any conversation whatever, or from their capacity to talk continually without really saying anything.

There are certain qualities needed in public discussion that are readily cultivated by conversation; some of these are, rapidity of thought, skill in seizing the strong points of a subject, exactness of statement, facility of expression and general mental alertness.

Finally, it seems that faith in one's self, so necessary to successful exertions in any calling, is of the greatest importance to the orator. If he distrusts his own powers and becomes self-critical, acting continually as a spy upon himself, he will almost certainly be embarrassed and fail in the attainment of his purpose.

W. A. B.

TRAINING FOR ATHLETES.

The question whether it pays to keep in continuous training is now being discussed by some of our prominent athletes, but as yet no conclusion has been arrived at. There is no doubt in our minds but that it is best to remain in good health. The question naturally arises, is it best for a man, who is excellent in some particular sport, to keep in good condition the year round, so that he may be able to run a successful race in winter as well as in summer? It would seem that an athlete once in condition could very easily remain so, but is there not another side to the question?

All of us, who have played on base- or foot-ball teams, know that as the season advances a certain languor takes hold of us. We perhaps train as hard as at the first of the season, but we do not meet with success. We do our utmost to assist in winning a game but do not succeed. Why? We have not neglected our practicing and have taken every precaution to keep ourselves in trim.

The excuse commonly made is that such a fellow is "off" in his play. Is it not because he has overworked and exercised more than his muscles demanded?

Many of our athletic clubs have secured large halls and armories in which the athletic men are constantly in practice. Here the temptations are strong and he is given

no chance to rest, and quite often he starts in a race only to drop out when the distance is half run. It would seem that better records could be made if the athletic men were given time to recuperate, to store up enough energy to sustain them in a great effort.

G. B. W.

A STUDY OF NATURE.

It was on those balmy Autumn days
That so cheer the heart of man,
When all Nature seems to clothe herself
In all the colors that she can,
That I used to often wander
By the brooklets and the wood lanes,
For a purpose that was dearer
Than ought else in this life of banes.

It was thought by all my classmates
Who had seen me thus so often go,
That 'twas for the love of Nature,
For the study of things high and low,
For the learning of those rare facts,
Of which so many wish to know
In regard to all God's creatures,
Those that fly and those creeping slow.

Or perhaps to study Nature
As is seen in plant life growing,
How the greenness of the summer
Changes to a scene so glowing,
As is noticed when the harvest time
Is passing, for the year away,
And all Nature is preparing
For bleak and chilling Winter's stay.

But though good as such may be,
It was not for these I wandered
In the wild wood solitudes,
And by pasture brooklets sauntered.
It was only for the knowledge,
That another one was making
Reproductions of earth's beauties,
And these on canvas was laying.

Sometimes in the deepest forest
Where the scenery was most wild,
She would set her painting easel,
And then in her beauty smiled.
For she well knew e'en though far
From the byeways of life's thronging,
There was one that soon would find her,
For whose presence she was longing.

And each day when the balmy air
Gently played among the rustling leaves,
I would glide away upon my quest
As buoyant as the springing breeze.
An inspiration seemed to guide me,
For my steps led me to the very spot
Where the artist was, in such
A way that left no room for lot.

And sometimes I would softly steal
Up to the place where I knew she was,
And gently part the branches, so that I
Could see the features of the artist, because
I knew her thoughts were not entirely bent
Upon the rugged rocks, that in the landscape
lay,
And I desired to analyze the face
That often turned an expectant look my way.

After feasting for awhile upon the scene,
I would then reveal myself unto her sight,
And the joyous blushing look she gave me
Proved to me that she was guilty of delight
And together now the work of art goes on,
For with this type of natural beauty, I
Can show to her the choicest bits of Nature,
And she can paint them, as they in Nature lie.

As the sun in his course doth move
Towards the radiant west at the close of day,
We would be roused from our peaceful trance
And onward for our distant homes would
move away,
With gleeful hearts and buoyant steps.
The twilight hours sped quickly by, as we
With unrestrained emotion express
Our bright hopes, that shall some day united
be.

Thus day by day the lovely artist worked away
And reproduced Nature's most wondrous
gifts.

Sometimes it was the lonely wooded dale,
Or now the brooks that dash through rocky
rifts,
Or perhaps a peaceful meadow scene
With its silvery thread of water running
through,
And on its banks a few kine feeding
With their heads all raised, as though to look
at you.

And now dear fellow student,
As I have been telling you the reason why
I have taken these frequent journeys,
Let me not hear from you one whispered sigh,
For though I've not done what you surmised,
And studied all nature, below and above,
I have learned of the most precious thing to
know,
For I have been learning what it is to love.

W. C. P.

A REVELATION.

"Now Tom, remember what I told you."
These were the words that came from the
mouth of an anxious mother, as she bid
her son goodby for his second term at
Aggie. A puzzled expression came over
his face, but it immediately died away.
He knew now to what she referred. He
distinctly recollected her having told him
when he started for college Sept. 1st, not
to study too hard and he remembered how
with tears gushing out of his eyes he un-
willingly had said, "Mother, I'll try not to."

Now, as a matter of fact, this particular
mother had, on the morning previous, been
giving her son a few hints on the art of
keeping a "bachelor's hall" successfully.
She had told him that when he did his
chamber work in the morning, he should
do this and that, and the longer she talked
the paler he became, the muscles of his
face began to twitch, and his hands caught
convulsively at the legs of his trousers.
She, thinking he was ill, assisted him to an

open window where by virtue of the fresh air or a change of subject, he slowly recovered.

Now what was the meaning of all this? Perhaps a few words of explanation would be gratefully received by this innocent mother who should be undeceived. This young idol of perfection, her idea of all a model boy should be, has not known such a thing as chamber work since he left home. "Cleaning up for inspection" he calls it; that comes once a week, and at its approach he puts things in respectable order simply because he has to. Let us take a few moments survey of him and his room. He comes into his apartments in the afternoon, flings his coat into one chair and his hat in another. Here on the mantelpiece behind the stove is one of his boots, evidently put there to dry while the mate is under the table. In one corner is another table which appears to have been overturned in a Freshman stampede for a smart boy's algebra examples and which to save the trouble of putting on its proper support he is evidently using as a hat rack. A coal hod has become entangled on a post of his bedstead, while a collar and necktie adorn the opposite one. The lordly master of these dominions is tipped back in a chair, his feet elevated above his head, his face displaying an air of interest in a book, which he is reading, entitled, "Hints on Housekeeping." A fish-horn and a Jew's harp are the only musical instruments which adorn the room, and it is reported that he is proficient on both and will soon take a salaried position in the band. Various rude appliances are seen here and there, all designed to make life easy. In this matter of invention he is quite a genius; at present he is trying to get up a machine to prepare lessons without being obliged to study.

With all his faults this young man has, however, a few redeeming qualities. For instance, he has a tender heart. Recently he took pity on a wandering, forlorn-looking dog and resolved to take him into his confidence, share his humble lodgings with him, and submit him to "bash house" bill of fare.

Then he tries to obey his superiors. His maternal orders compelled him to let his bed clothes air in the morning. He acts accordingly and not only leaves his bed unmade in the morning but also in the afternoon. At night remembering he was pretty comfortable when he "turned out," he concludes that he cannot improve on the feelings of his couch and so he jumps in. Thus ends his day, and just above his

head is a frame wrong side up bearing the pathetic motto, "What is Home without a Mother."

G. F. C.

EXPERIENCE vs. REASON.

We come from far and near, make, perhaps, great sacrifices both of time and money, and leave our friends and homes to get book-learning.

We come to the Aggie, a place furnished with funds by both the state and national governments, where there are all the advantages of specialties for instructors in the various departments, which are well equipped for teaching their special branches of science.

We profess to be anxious to use our time to the best advantage and to think that the time passed in the class-room is spent in the best manner.

Yet, when it is announced at chapel that "Professor So-and-so is unable to meet his classes to-day," smiles of joy illumine the faces of those affected by the announcement, while those who are not so affected wonder when one of their Prof.'s will give them a day off.

There is, perhaps, some excuse for this, as a lesson off means, to a busy and overworked student, an hour besides the time necessary to prepare a recitation, in which hour they may write up notes or do some other necessary work.

But the class is pleased at the prospect of a "snap" for a time, as a child is with a new toy, with the difference that the joy lasts longer. And this, when their time is, or should be, worth five hundred dollars a year to them.

Is this the result of a remnant of the old idea that professors and students are natural enemies, the former trying to make it as hard as possible for the students? Or, is it an outcropping of the natural laziness of man, his dislike to earn his living by the sweat of his brow? Or, finally, can it be that he thinks his time is better spent out of the class-room?

If the first is the reason, let us remember that this is the nineteenth century and that such ideas are exploded. If the second reason influences us, it should be our daily endeavor to overcome such laziness. Let us not be like the horse that was so lazy that his master had to hire another horse to help him draw his last breath. If the class-room is not the best place to spend our time, why are we here at all?

F. L. G.

A CIRCULAR.

MASSACHUSETTS AGRICULTURAL COLLEGE

ALUMNI CLUB OF MASSACHUSETTS.

We, wanting to secure a closer union and a wider membership, to be upon a more solid foundation, and its members to escape individual liability, did incorporate under the laws of Massachusetts, on November 11th, 1890.

The old club of M. A. C. graduates and former students of Boston and vicinity, held its last meeting at the American House, Boston, on November 14th, 1890, and unanimously passed the following vote: "That we be now merged into the chartered Club."

The incorporated club was then called to order by its president, its records read and approved, and all those present joined. We now have sixty-nine members, and we are desirous of having every "Aggie" become a member. Will you not join us and endeavor to interest every "Aggie" in your section, in the Club? The only expense connected therewith is the initiation fee of one dollar; there are no annual dues or charges of any kind. It is intended to have a supper once a year, the expenses of which, [as heretofore] are paid by the members present.

As a "Loyal Aggie," will you not join this Club at once, lending us your name and influence to further strengthen the Club and the College? for there is an important appropriation question coming up before the present Legislature which we want to influence in favor of the College and which we hope, by a large representation in a well organized Alumni Club, to be better prepared to do.

A full list of Club members will be published on February 28th, and will be forwarded to members on application to the Clerk; we hope that you will see that your class is well represented.

Please send one dollar to Charles L. Flint, Treasurer, No. 25 Congress Street, Boston, Mass., with your name in full, class and address, and receive in return a certificate of membership.

February 6, 1891.

OFFICERS FOR 1890-91.

William Colvard Parker, President; Charles L. Flint, Treasurer; Frederick H. Fowler, Clerk, office 11, Mt. Vernon Street, Boston; Dr. Austin Peters, Fred G. May, Wm. H. Bowker, Board of Directors.

AGGIE LIFE.

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No man has a right to make a nuisance of himself, even to the men who room under him. Wrestling and jumping are all right in their place, but to keep it up for some time directly over a man who is trying to study is unreasonable, ungentlemanly and should be promptly stopped. If a man wants to take prolonged exercise the drill hall is the place. Fellows, bear this in mind.

At times forbearance ceases to be a virtue; such seems to be the case in regard to the time kept by the bell. Ordinarily it varies from two to five minutes every hour; it has even put seventy-five minutes into an *hour*; more than this it has repeatedly failed to ring, especially at 7 A. M. We always supposed that the bell was for the purpose of regulating the college time, if so, it is plain the bell needs regulating by some one. Either give us the correct time, or let us keep our own time.

An inventory of the hymn books used in the chapel services give the following results: Ten hymn books in fair order, nine hymn books with the covers missing and more or less leaves gone; total, nineteen. These are distributed as follows, eight or more to the choir, one to the desk, two to members of the Faculty and visitors and two to each class. Under such conditions how can the *whole* college join in the singing. There should be, at least, sixty books. When it comes to purchasing them, it might be well to bear in mind that some other kind might give better satisfaction.

NEEDING some statistics, the other day, upon a subject, the incidents connected with which happened about a year ago, I went to the Library in search of them, but was informed that the only place where I would be likely to find such information was in the dailies printed at the time. I was fortunate enough to get the desired

facts from one of the Professors who keeps a file of the leading papers. Would it not be something of great value to the students, as well as Professors, if a file of one or more of the leading dailies or weeklies, were placed in the Library, and a careful yearly index made of the articles contained in them, so that each student could have access to them. To be sure these papers are taken by the Students Reading Room Association, but no clippings are made, or files preserved for future reference, and these many times contain articles of great value, which can be found in no other place.

WE hope that every student will endeavor in some way to influence his Representative in the matter of the government appropriation which will come up in the Legislature this winter. M. A. C. needs that money more than Boston Tech. does, and besides it was intended for her benefit rather than that of Boston Tech. We may rest assured that the President and Trustees will do their best to secure the appropriation entire, but we must not depend on their efforts alone. Every man should see his Representative, or if circumstances make this impossible write him at least one letter. Do not neglect it under the mistaken idea that it will do no good. Sometimes a very little thing will decide a man when his mind is wavering in the balance, and your letter may be the very thing that will turn the scale. Sit down, take your pen and write a letter with your heart in it. One that will convince the recipient that you mean just what you say and know just what you are talking about. True eloquence consists in having something to say and saying it, and surely we can all come up to the standard with such a subject as this. As loyal students, we can do no less for our *Alma Mater*, and if every man takes hold of the matter and does his best some result *must* follow.

WE are pleased to see that so many take advantage of the gymnasium being lighted evenings. Nearly every evening we see from a few to a score or more taking some form of exercise in the hall. This is as it should be. We wish every student would use the Gymnasium. True, we have not a very large variety of apparatus, and we do not hope to produce any first-class gymnasts, but we think that if each one would spend a small portion of his time in regular practice, we might turn out a number of men who would be better fitted to take

part in other branches of athletics. Football requires that every muscle be full and hard; base-ball more agility but not so great endurance. The steady hand, the strong arm, the deep chest, the fleet foot, will never come amiss in life's battle. Moreover, we have another immediate and pressing need of all these qualities: For the first time in our career as a college, we are about to introduce track athletics. If we can make creditable records we hope to compete with some other colleges, perhaps even at Worcester, and there is no reason why we cannot make good records; one of our Freshmen, a man who ran last year for the Interscholastic Cup said that, in his opinion, any one who had two feet could run, and the same rule, in general, will apply to hurdling, walking, jumping and pole vaulting. It is argued that the students will not support a track athletic team. Well, that was predicted a year ago in a college paper and has been the cry for years back, against various innovations but we now have a paper and a gymnasium supported by the students, and if once a good team of track athletes takes the field, the fellows will not let it be given up for want of funds, nor will the alumni withhold their support where the college honor is at stake. Someone raises the objection that our men would stand no show with men of other colleges, on account of the latter's experience. True, we might not in years produce a Dohm or a Janeway, but our efforts would not always culminate in total defeat and the experience would certainly be worth the price. The most proficient must make a beginning. Twenty years ago, when the maroon and white crossed the line victorious at Ingle-side, driven by six sturdy oarsmen, all were surprised, but none more so than those same oarsmen and their fellows. Nothing will reflect more credit on our men than to fail while doing their best. The base-ball men have the use of the hall in the afternoon, but in the evening there is no impediment to general exercise. We would say to all, practice faithfully and do not be discouraged because someone now can do better than you.

FOR SHAME, GIRLS.

The evening, for her bath of dew
Is partially undressed,
The sun, behind a bob-tailed flush,
Is setting in the West.
The planets light the heavens with
The flash of their cigars,
The sky has put his night-shirt on,
And buttoned it with stars.

—Vassar Miscellany.

GLEANINGS.

Manley lost his hat last week.

Have you heard the Brass Band play?

Is the Battalion to camp out next spring?

Prof. Mills visited New York last week.

The battalion is now having sabre drill.

The drill of last Friday occurred Thursday.

Staples '93 was sick a few days last week.

H—r to Miss M—. Have you a Razor Strop?

Sedgwick '93 recently spent a few days at Dalton.

A. E. Melendy '93 was on the sick list last week.

Poor pond! It is among the things that have been.

Mr. Ono is taking the course in Organic Chemistry.

Pres. Goodell was out of town last Wednesday.

The commissioned officers' new swords have arrived.

The *Colorado Collegian* is now on our exchange list.

'94 has adopted a constitution; we hope it is a healthy one.

Sh—s: "Ethel, dear, we have seats in the bald headed row."

Wanted,—Subjects for Theses earnestly desired by all '91 men.

Week before last '91 listened to *cyclone stories*; they beat *fish stories*.

The W. I. L. S. will have a mock trial Febuary 20th. All are invited.

The M. A. C. Boarding Club has changed its supper hour from 5-30 to 6 P. M.

T. S. Bacon '94 left for his home Feb. 2. He was afflicted with tonsilitis.

New ventilating apparatus has been put into the greenhouse at the Insectory.

Have you written to your Representative? H. M. Howard '91 has the address.

Knight hunts foxes on the campus with a lantern mornings when he gets up early.

Prof. Warner lectured at Granby last Tuesday upon "Meterology and the Farmer."

Men have been at work repairing the South college fire-escapes for the last few days.

J. B. Brine, college out-fitter, has failed and his goods are now in the hands of the sheriff.

The Lieutenant is looking for a case for Court Martial. The first offender will be the victim.

There is to be a company formed for sabre drill at the company competitive drill this month.

Feb. 3, Sergeant Beals fearful of getting a relapse of his "\$10 cold" wears an overcoat on drill.

The Meteorological bulletin for last month is changed in form, thereby much improving its appearance.

The college catalogues arrived last week Tuesday, but owing to a mistake of the binder have been returned.

Recently the Sophomores and Freshmen of Smith College had a hard snowball fight. It must have been interesting.

Prof. Maynard has had some new ventilating apparatus put into the upper house for the purpose of illustration.

It is quite encouraging to see so many in the gymnasium evenings. Improvements will probably soon be made.

A. M. Belden, formerly '91, visited us last week. He invites his classmates and society to attend a wedding at Haydenville next Tuesday.

Co. D, by order, go over to put the cannon in storage. Prof. Canavan doesn't appear to unlock the doors; consequently, Co. D has a fight. (Snow-ball fight.)

Read "Undergraduate Life at Oxford" in February *Outing*. It gives a very instructive and pleasing description of student life at the great English University.

We heard a man tell of freezing his ears and chilling his nose inside of ten minutes, and that same hour he crossed a river on a ferry-boat. Truth is stranger than fiction.

Jan. 27. Prof. Fernald read a paper on the "Intelligence of Lower Animals" before the Natural History Society, which was followed by a short discussion and illustrations.

'94 elected class officers as follows: President, L. Manley; vice-pres't T. S. Bacon; sec., A. C. Curtis; treas., R. E. Smith; class capt., J. E. Gifford; base-ball capt., E. T. Dickinson; historian, F. L. Green; serg. at arms, E. L. Boardman.

The Natural History Society had a very interesting meeting last evening. Mr. F. H. Henderson read an able essay on the life of Audubon. This was followed by a lively discussion on the following question: Resolved, that the crow is a benefit to the farmer.

WANTED—A NAME.

He cares not to know who wrote "Beautiful snow," Nor what may have caused him to do it; With his ear in a sling, he desires but one thing—The name of the rascal who threw it.

—Washington Post.

Next Saturday afternoon there will be an in-door athletic meet, and several events will be contested for. It is open to all, and those wishing to enter will hand their names to some officer of the Athletic Association. The first and second places will be announced in the events.

M. A. C. BRASS BAND.

Piccolo, J. A. Putnam; clarinet, E. W. Morse; B^b cornets, M. H. Williams, H. C. West; E^b altos, solo C. H. Higgins; 2nd H. B. Emerson; B^b tenors, C. M. Hubbard, F. O. Williams, W. Fletcher; baritone, E. H. Lehnert (leader); tuba, S. B. Marvin; bass drum, H. D. Clark; snare drum, L. F. Horner; cymbals, G. F. Curley; 14 pieces.

A letter has just come to hand from the theological student in Japan which we have been aiding. His name is M. Sakata. He is attending the Doshisa School, and will graduate in '92. But for our timely aid he would have been obliged to leave the school and help his father, who was taken sick last fall and has been in a feeble condition for some time since. Mr. Sakata was baptized four years ago, and now he walks seven miles every Saturday night to Fushima, where he preaches every Sunday. All who wish to see the letter will find it at No. 7 South college.

The schedule for the Junior recitations was changed last week, thereby giving them Thursday afternoon free, unless the drill is changed to Thursday. The following are the changes.

8.30, Agriculture, M. T.

Zoology, W. Th. F.

9.30, Physics, M. W. Th.

General History, T.

Rhetoricals & Debate, F.

10.30, Chemistry, M. W. Th.

Physics, T. F.

11.30 Chemistry M. W. Th.

1.30-3.30, Chemistry, T. F.

The program of the W. I. L. S. last Friday evening was as follows: Declamation by C. L. Brown '94; debate, question, "Resolved, the welfare of our country depends more upon the manufactories than upon its commerce and agriculture." Merits of the question and weight of argument decided in Negative. Extemporaneous speech, M. Ruggles. The program for next Friday evening is: Debate, question,

"Resolved that the order of Knights of Labor has benefited the laboring classes." Affirmative, A. E. Melendy, R. E. Smith. Negative, G. F. Curley, E. L. Boardman. Declamation, W. C. Duffield; Reading, J. Baker; essay, H. F. Staples.

A CORRECTION.

In the last issue was published an article on "Our College Publications," in which, we have since learned, there was an omission.

In 1884, W. A. Stearns, who was then Curator of the Museum, undertook the publication of "The Bulletin of Massachusetts Natural History." This was expected to become a medium for publishing the results of research, classification, etc., in the museum; in addition it looked after the Natural History interests of the State, and invited contributions from the scientific world in general. A column or more of college items were given. It was a sixteen-page monthly and expired after the fourth issue.

For this correction we are indebted to W. E. Stone, 82 Purdue Ave., La Fayette, Ind.

OUR BRASS BAND.

How many of us have heard it play? Not enough to mention. It is nobody's fault, nobody's loss, but your own. It has its regular meetings twice a week, and the doors are always left ajar for the benefit of those who wish to listen to its strains. Although the performers on the various instruments seem to take a decided interest in the matter, appear persistent in their efforts to make the Band a credit to the institution, yet the College as a whole is indifferent to the subject. Now give the boys a little encouragement. While you may not be competent to contribute to its welfare in the line of musical talent, you might, at least, honor them with your presence once in awhile. Go once and, being surprised at the improvement they have made, you will be attracted thence as often as the meetings occur.

PRAYER MEETING TOPICS.

Feb. 12—What is it to be a Christian? Luke 18:18-22; 1 Pet. 4:16. G. E. Taylor.
Feb. 15—Christian Service. Acts 9:6. F. S. Hoyt.
Feb. 19—Power with God. Gen. 32:24-32. E. A. Hawkes.
Feb. 22—The Believer's Reward. Rev. 2:10; Matt. 24:13; Jas. 1:12. W. H. Ranney.

MAILS.

Mail leaves college for P. O. at 1 P. M. and 7 P. M. on week days. On Sunday it leaves at 4-45 P. M. At the P. O. mails close as follows:

Boston,

7-45, 8-30, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.
New York, Western and Southern States,

7-45, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.
Northampton, Springfield and Western

Massachusetts,

7-20, 10-15, 10-45 A. M.; 6-45 P. M.

Northern way, N. L. Northern,

8-30 A. M.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 1-30 to 3-30 each afternoon excepting Saturday and Sunday.

The college library will be open from 2 to 4 P. M. and from 6 to 8 P. M. each day, excepting Saturday and Sunday. On Saturday it will be open from 9 to 12 A. M. and from 2 to 4 P. M., and on Sunday from 2 to 3 P. M.

President Goodell will be at his office from 2 to 4 P. M. every afternoon except Saturday and Sunday.

ALUMNI NOTES.

F. F. Noyes '88, is now in the employ of Thomson-Houston Electric Co. at Atlanta, Ga. He has recently been employed in the construction of the Belt Line Electric road in Savannah.

Henry Chapin '81, has accepted the position of teacher of Natural Sciences at the High School, Springfield, Mass.

A. C. McCloud '90, is at home again for a few days.

F. L. Taylor '90, who has recently been in the employ of the L. & W. R. R., Middlesboro, Ky., is at home for a short time.

A meeting of the M. A. C. club of New York will be held at 313 West 54th St., Friday, Feb. 13, 1891, at 8 P. M. Topic, Shall the Standard of Admission to the Mass. Agr'l College be raised?

J. M. Herrero '90, left Amherst, Feb. 2, for his home in Cuba.

Last week Tuesday, F. S. Cooley '88 read a paper on "Scientific Rations in Stock Feeding," before the Sunderland farmers.

Clinton S. Howe, '87, has been elected Master of the Marlborough Grange.

Chas. L. Marshall, '87, of Lowell, has been elected a Trustee of the Middlesex North Agricultural Society.



Business is business. FRANK WOOD will get up Spreads for the Boys this winter. Send your orders right along to get there first.

FRANK P. WOOD.

BOYS

Do you want a nice warm Ulster? A Toboggan Tuque to wear skating or sleighing?

If so call on us.

We have some dandy Black Cheviot Suits. We have a big trade at your college and use the boys right.

BLODGETT & CLARK

JOHN MULLEN,

—DEALER IN—

MEATS and PROVISIONS,

VEGETABLES OF ALL KINDS IN SEASON,

FISH AND OYSTERS, FOREIGN

AND DOMESTIC FRUITS,

AND CANNED

GOODS.

Palmer's Block, Main Street.

E. R. BENNETT,

Jeweler,

Optician,

Watchmaker.

FINE GOODS! LOW PRICES!

GOOD WORK WARRANTED.

First Door from Post Office.

Then there is the man who is continually talking about killing time. Now that is a sad position for a human being to be in.

He does not care. He is in no more haste to reach his destination than that mixed train from "Hamp." He slips through the world like Pelham water through a sieve, and with just about the same effect, for all the solid matter is sifted out of him, and he suddenly finds himself nothing in nowhere, with time clear out of sight in the distance. The man who writes in his diary: "Got up. Washed. Went to bed," just to kill time, is no good.

Then we have the man who keeps time. He is a queer specimen. Can you not imagine him wandering around with a Waterbury chronometer in his hand, keeping time? He is on time, always. He has a time for everything and everything in its time. He is just on time. All his up-risings and down-sittings are governed by his time. Does he keep time? Oh! no, time keeps him!

But we cannot stop to ponder on the relation of time to humanity at large, but will bring it into the college world. Here we have time just as much as anywhere else. One month of this new year has come into view, passed, and disappeared. What has it left us? Have we profited by it? These are sober questions and should receive sober consideration.

The following account, evidently kept by a Freshman, may throw light on the question.

TIME.	DR.	
To college expenses for one month, (Hash, Extract of Pelham, Rent, Wash, Coal, Tax fiend, etc.),		25.00
Luxuries, (candy, .01, gum, .03)		.04
Total expense,		25.04
TIME.	CR.	
By Expansive force of Nitro Glycer- ine and Properties of Gun- powder,		1.00
No. bushels cabbages raised in United States, (per acre),		.01
Beautifully wrought algebraic curves and properties of 0,		1.20
H ₂ S, (odor free) with Sulphuric Acid),		.25
Irony, Climax, Hyperbole, Synec- doche, Antithesis,		.75
Lochinvar, (10½ inches),		1.00
Snow Bound, (10 lines),		.01
Drawing, (1 wash tub, one kettle. 1 ladle, 6 wine glasses),		.50
Moneo, Audio, Andax, Puella maxima, etc.,		1.00
Total value knowledge gained,		5.72
Total Expense,		25.04
Net Profit,		19.32

As minus dollars, like Canada pieces, don't pass at the M. A. C., the above account looks a little dubious, but we must not be discouraged by it. Perhaps our accountant was not fair in his estimation of the value of the knowledge of Uncle Sam's cabbage crop. Perhaps he may make a fortune out of that very information. The history of the world has turned on a smaller thing than a cabbage! Perhaps he can also be condemned for his low estimation of that soul bestirring piece "Lochinvar." Why, it is enough to make the oak knots in the Chapel ceiling grin to hear the renderings of that selection!

Do not then be discouraged, but throw all your energies into your work. Don't be afraid of time, but stand up and grapple with it. Grab it by the forelock, if it has any. If not, any part of its anatomy will do, but grab it, hang to it, and make the most of it. That is the way to make college life a success!

C. F. W.

OTHER COLLEGES.

Canada has forty colleges.

Three-fifths of the Faculty of Harvard have voted in favor of a three years course.

Ten per cent. of Cornell's graduates last year were ladies and they carried off sixty per cent. of the honors.

Princeton college has received a gift of over 30,000 pieces of pottery and porcelain illustrating the history and progress of art from the earliest Egyptian period down to the present time.

Amherst college has received a gift of \$100,000 to be added to the general endowment fund.

William G. Ballantine, D. D., Professor of Old Testament language and literature at Oberlin, has been elected President of that college.

Austin Scott, Ph. D., was inaugurated President of Rutgers, Feb. 4.

The National University of Tokio, Japan has 20,000 students.

The course in journalism at Cornell, formerly given, has been dropped.

A \$250,000 hall is to be given to Princeton by Mrs. Harriet C. Alexander.

Austin College, Sherman, Texas, has received a bequest of \$75,000 from the widow of Rev. Donald McGregor, D. D.

A class paper is to be published by '93 of Boston College.

"The Willistonian" has changed its form.

The Trustees of the New Hampshire Agricultural College at Hanover, voted recently to admit female students at the institution, and three enterprising misses have already signified their intention of entering next fall.

Allegheny college has a young ladies base-ball club.

E. B. DICKINSON, D. D. S.

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AGGIE LIFE.

VOL. I.

AMHERST, MASS., FEBRUARY 25, 1891.

No. 10

THE SPIRIT OF NEW ENGLAND.

All hail to old New England,
Land of the brave and fair,
The essence of heroic deeds
Is in thy mountain air.
Since Mary Chilton's foot first pressed
That rock with memories old,
New England's daughters have been fair,
Her sons have all been bold.

Upon our rugged hills and dales
A rugged race has grown:
Who took of life the better part,
And claimed it for their own.
Let Southern plains of cotton boast,
The West of golden glen;
The product of New England's hills,
Has been a race of men.

Fast spreading toward the setting sun,
New England's sons have pressed,
Fast breaking with the gleaming plow,
The wide plains of the West.
Behind them spring the cities up
Where forests once did stand,
The fertile plains all smile with grain,
Beneath each sturdy hand.

Thus to the West, and South, and North,
A steady current flows;
Making the desert, wild and drear,
To blossom like the rose.
In every little frontier town,
New England's homes now stand;
Whose influence for good is great,
A strong force in the land.

But not alone in peaceful times,
New England's strength is shown.
Her sons have always foremost been,
When battle winds have blown.
Her's was the band at Lexington,
That Freedom's flag unfurled;
Her's was the shot at Concord bridge,
That echoed round the world.

When traitors sought to wreck the State,
And o'er the stripes and stars,
Set bloody treason's horrid sign.
The flaunting stars and bars.
Her sons were first in Freedom's cause,
Their heart's best blood to shed,
When the gray stones of Baltimore
Were dyed a vivid red.

Wherever blows for truth are struck
And wrong goes crashing down,
Whether upon the far frontier,
Or in the crowded town;
New England's sons are always there,
Ready to dare and do.
The spirit of New England
To right is ever true.

Then hail to old New England,
Mother to heroes dead,
The glories of two hundred years
Are clustered round her head.
Our's is the sacred trust to guard
Those glories of past time,
And make New England's spirit felt,
In every land and clime.

H. N. L.

PHYSICAL EXERCISES.

"Ask what thou lackest; thought resigned,
A healthy frame, a quiet mind."

Tennyson.

The importance of taking a suitable amount of exercise daily cannot be emphasized too strongly during these long winter months, for sports are at a standstill, the ground is deeply covered with snow, and the average student is very liable to overlook the opportunities that tend to develop him physically. The winter term is conceded by all to be the term for study. The faithful student has much mental labor to perform in order to reach the desired results, and he may very naturally overlook the importance of this exercise, but nothing contributes more to our physical health than the proper amount of daily exercise, and while we are here in college preparing for our future work, it is the duty of every one of us to give this matter our closest attention, to see if we are developing ourselves physically, as well as intellectually, for these must go hand in hand for the successful termination of a college course. What a sad sight it is to see a young man go out from an institution of learning, with a pallid countenance and a poorly developed figure showing the result of his confinement, and enter into some indoor profession which will be a repetition of his life in college; the result is that this young man's health is ruined in a short time, and he is obliged to seek some outdoor employment, and right here perhaps the plans of his life are frustrated and he will begin to realize for the first time in his life, that he has made a mistake, but alas, it is too late. Now this college may be an exception, for a great many of our students are engaged in manual labor of some kind, and in addition to these we have quite a large number of men in training for base-ball and general athletics. These without doubt obtain the requisite amount of exercise but there is a

certain class of men here who have plenty of spare time during the day which they do not improve, for after recitations they are content to idle away the greater part of their time indulging in a social game of cards, or perhaps sleeping off the effects of some dissipation the previous night, never for a moment realizing that it is detrimental to them, for they lie dormant as it were during the winter, awaiting with pleasure perhaps the opening of spring, when they can again take their respective positions in athletics.

These are the men who would be greatly benefited by taking daily exercise. Again there are those men who can scarcely find time for study, they are constantly in a hurry and even begrudge the time they spend in drilling. Let us investigate their case more closely that we may judge more intelligently of their exact position, and perhaps we cannot do it better than to pay a visit to these unfortunates. Here we find one sitting beside a hot coal fire, his room has not been ventilated since last inspection, and the odors of a lamp that has not been cleaned since it was bought, pervade the air. No wonder he cannot study, the confinement has had its effect upon him. Why cannot some one communicate the fact to him that a few minutes spent in exercise will bring health and vigor to him; his dull brain will regain consciousness, and he will return to his books a new man. He will be able to study more intelligently, for his mental faculties will be increased; his studies assume a new degree of interest, and the physical condition of his body will be greatly benefited. These may be rather extraordinary cases, but there are men in our college placed in this very same predicament, and they do not realize it now, but sooner or later the truth will dawn upon them. Fellow Students: This is the term for study, do not neglect it, but give your personal attention to this matter of daily exercise, and make it a point to intermingle with your intellectual exercise, physical exercise, for in later years you will reap the benefits of it, and farther, remember that our future career after leaving college depends directly upon our physical condition, for without good health our prospects in life are ruined. We can do nothing, and what is a man worth, no matter how highly developed his mind may be,

if he has a weak constitution? Let us think of this, for as Cowper says:

The joy, the danger, and the toil o'erpay.
'Tis exercise, and health, and length of days.
H. E. C.

SUCCESS.

There is, doubtless, no student in our college who does not have in view some magnificent fortune or some honorable career. Every man probably has an idea that he is bound to be great, and make his mark in this world. But what kind of a mark it will be, depends wholly upon the person making it. Some make long flashing marks, others small faint ones, and still others, like the youths who have their names scrawled on the walls of a country school, will only succeed in making a few faint pencil marks which are easily effaced when the whitewash is applied.

Now we can form a very fair estimate of what the success of any one will be by noticing their traits of character in youth. The student who goes over his lessons in a shiftless, careless manner, with no special effort or ambition, can be set down as one whose success in after life will correspond to that of his college days.

The various habits, both good and bad, which are cultivated in our youth, greatly affect the condition of our welfare in our maturing years. Habits of indulgence, extravagance, and carelessness will often destroy a man who is otherwise good, while economy, diligence and perseverance will aid very materially in all branches of life's work.

Perhaps one may inquire, "What are the essential points of pure success?" One of our noted men remarked, when asked to give a maxim to a young man entering into a business life: "Don't look at the clock," and there is a vast amount of sense in that; for he who is fearful of working overtime, will, indeed, have a hard task, to carve out an illustrious destiny for himself.

But in order to bring the idea of success nearer home, we might incidentally mention the coming Prize Drill. Now, no one surely will grow two inches taller because of his victory if he doesn't try to gain the prize. And the one that does win will certainly be one who has spent time, labor, and interest upon his work.

The youth who, when asked how to rise in the world, answered, "sit on a pin," expressed a truth which is quite pointed. We must have some impelling principle urging us to rise, some activity in starting, some

energy of purpose if we would mount a round higher in life than our fellow beings.

T. F. K.

REMINISCENCES OF AN ALUMNUS.

The undergraduates of the present day have much to be thankful for in the present thriving condition of the Mass. Agricultural College. To be sure, we are a progressive people, and in the nature of events, are never quite satisfied with things as they are. Yet the students of 12 years ago worked for honor and sheepskin amid the turmoil of administration changes, with cramped accommodations, and limited apparatus and equipment. The drill hall, experiment station buildings, stone chapel and President's house were not even then on paper. The scene over the college grounds from the summit of Mount Pleasant was beautiful then, but it is more beautiful now.

The college library was located in the north-west corner of North College, on the first floor. A few shelves in the main room held all the books, while a much smaller room contained the W. I. L. S. library, and a few bundles of miscellaneous magazines. From time to time one might secure a book from this room from the so-called librarian, but not infrequently it was necessary to crawl through a window around on the back side. As the librarian also sold stationery and entertained his friends here, this important department of college instruction did not grow with amazing rapidity.

The students' reading room occupied a north-west room on the first floor of the old South College, that building dear to the hearts of many of the older boys. Each year, after the subscriptions were sent in, the boys would gather of an appointed night, in Prof. Goodell's lecture room and the periodicals would be bid off at auction. Possibly the same practice is in vogue now. This was always a racy affair, and often the biter was bit. I have in mind one occasion when Boynton, '81, (who is now out in Red Gulch, Wyoming, removing the various ills to which human flesh is heir) in his exuberance of spirits, bid 75 cents as a starter, on a 50 cent-regular-subscription-brand-new-periodical, that nobody else seemed to want, for the third and last call was made on that bid.

The college farm has passed through many changes during the past 15 years, both in management and buildings. In the

fall of 1878, in order to reduce expenses and increase the contents of a starving treasury, a herd of unusual good thoroughbred Shorthorns was sold at auction, the sale being extensively advertised, and a Boston auctioneer officiating. There were many disappointed that these excellent Shorthorns should be sold, and I remember that on the bottom of the placard advertising the sale, Prof. Stockbridge had written, "And the mourners go about the streets." and hung it on his door, in the old study in the rear end of the woodshed, upstairs, in what was the old farm house near the Durfee plant house. These Shorthorns were of the milking class, and gave heavy yields of milk.

Among the characters that have not passed out of the minds of many of the old boys, is "Kalite" Hubbard, of Sunderland, of water melon fame. Each fall his wagon load of melons was watched for with great interest. One day '82 was returning from the Botanic Museum to the dormitories, when "Kalite" came along on the country road with a wagon full of melons just as about a score of the class reached the road. While surrounding the wagon, thoughtfully thumping and testing for ripeness, with the Yankee driver on the seat watching with eagle eye the every motion of his customers (?), we heard hurrying footsteps and turned to see M— (he claims to be an agricultural editor now) appear on the scene, seize a big melon, and rush off down the hill with it so rapidly as to fairly bewilder us. It was the only melon bought that day, and that was sold at a loss, and those who ate of it claim it was green. But H. M. wasn't.

One of the features of the first ten years of the existence of the college, was compulsory class work in the field. Of course if students were sick they were excused, but as a general rule the boys just doted on that work, if they couldn't get out of it. After dinner, the class would assemble under the North College, about four hours per week, and get tools, and start for the field ready for the fray. One entire fall '82 spent in grubbing stumps out of eight or ten acres of land at the foot of the slope on the west side of the buildings. The only recompense we could ever get for that beautiful and valuable piece of work, was to borrow grapes of Parsons in the greenhouse, while he sorted from a long tray before him, but those of us who got caught didn't have so large a profit on the balance sheet.

LUDDY.

PRESENCE OF MIND.

You have doubtless read of Carl and Fritz who were engaged in decorating the walls of an ancient cathedral. They had slung up a platform at some distance from the floor and Carl was giving the finishing touches to his picture of Pharoah's daughter finding Moses in the bulrushes. Fritz stood by his side. Carl stepped back to admire his work, unconscious of the danger behind him. Another step and he must go backward to the floor some seventy feet below. Fritz saw the danger and knowing that words would avail nothing, hurled his brush at the painting, exclaiming, "that for your picture!" Carl sprang forward, too late to save his painting, but in time to save himself from a certain death.

Fritz exhibited what is commonly known as presence of mind. His decision and action were instantaneous. He saw what must be done to save Carl's life and did it at once. It is easy to see how the presence of mind is essential to saving life; it is just as essential to success in any undertaking. He who has his thoughts about him and is both quick and sane in his decisions will have such confidence in his judgment as will stimulate him to determined, energetic action.

Unfailing presence of mind has been admired in army and in civil life. The possession of it has made men the idols of society. It is universally recognized and admired by all.

It was this characteristic of Henry Clay that made him popular and gave him power to command, even in moments of political excitement. From the record of his life, I am sure, that to him periods of mental vacuity came seldom and never lasted long.

This power to do the right thing at the right time; to make the witty remark, and courteous reply; and to have the first thoughts the clearest and best is the power which wins admiration and respect for the possessor. Who would not like such a power? It may be had by acquiring habits of strict attention to what one is doing. In the class-room, on the campus, at drill, or at work this power may be acquired by banishing periods of mental inertia and being on the lookout for what is coming next, without forgetting what the present duty is.

Presence of mind shows itself in every expression and every act. It is seen in the face and gives to it a gentler expression, no matter how harsh the outline. The expression is an index of the mind and tells us when it is active. It is easy enough to

tell by a man's expression whether he knows what and why he is doing. The eye is but "the window to the soul."

How to acquire and preserve this valuable quality is worthy of honest endeavors. Gain it through attention and keep it by using. In use it grows stronger.

H. M. H.

OUR UNIFORM.

The first uniform worn at college was simply a blue flannel blouse, having the letters M. A. C. upon a blue shield on the breast. This was worn like a shirt, inside the pants. At first any black or blue pants were worn, but soon a dark blue pant was introduced. Maj. Henry E. Alvord was the first Prof. of Military Science. In April, 1872, Lieut. A. H. Merrill, 1st Lieut. 1st Artillery, U. S. A., was detailed as instructor in Military Science. He immediately introduced white belts, white gloves and "dress hats," the latter of white panama, and organized the battalion into four companies designated the M. A. Cadets. The battalion remained in four companies until '78 when Lieut. Morris reduced the number to three. From Lieut. Merrill's first report I take the following, as it shows the condition of the uniform at that time: "The only defect in the equipment of this department of the college is the want of a suitable dress coat. The uniform of the battalion as it now is would be complete if this were added. The dress hats, belts and gloves obtained since April last are just those to go with the finest uniform, and the coat the cadets have is only a loose, ill-shaped, flannel shirt which has to be worn inside the trousers and presents anything but a pleasing or military appearance. A coat equal to those worn by any military organization in the U. S. can be obtained for \$30, and one such coat would last a cadet during the four years' course." He further recommends that the college appropriate something to assist the students already in college to purchase these coats.

As a result of these recommendations of Lieut. Merrill, in the spring of '75, just after his place had been filled by Lieut. Totten, the college adopted as the uniform the old gray pants, cap and dress coat.

Lieut. Bridgman says in his report of '82 "A jacket allowing more freedom of the upper portions of the body in mortar and artillery drill is desirable. This can be introduced still keeping within the prescribed cost of the military outfit and it would be generally worn at all times."

The blouse was probably introduced

soon after this. In '88, just before the entrance of the present Junior class the Trustees voted to do away with the dress coat. Lieut. Cornish tried a year ago to have the dress coat reinstated. A petition asking to have it reinstated was circulated among the students but did not receive hearty support.

Perhaps you wonder when those "Coal hods" over in the armory were worn. I am unable to give the exact dates when they were introduced but it was probably soon after the gray uniform. They were only worn on dress parade and battalion drill. At first the students bought them of the college and sold them back when through with them but later they were issued with the other equipments from the Military Department. The use of the dress hats was discontinued soon after the arrival of Lieut. Sage in '86.

Jan. 1, 1891 the gray uniform was changed for the blue uniform now worn. I for one am not pleased with the change. This is not a detachment of the Army, neither is it a Militia Post, but simply a corps of cadets and I claim that the cadet gray, the uniform worn at West Point, is better suited for us than the army blue uniform. The old blouse was plain and a change was needed but would not a coat of the same material, ranging cost in between the dress coat and blouse, having the freedom of the latter but a little more dressy, give better satisfaction?

H. M. T.

MASS MEETING, HELD FEB. 12, 1891.

The meeting was called to order by the president of the Senior class, for the purpose of forming a Polo Association, and transacting any other business that might properly come before it.

The following officers were elected to the Polo Association:

President,	J. B. Hull.
Sec. and Treas.,	G. B. Willard.
Senior Director,	W. C. Paige.
Junior "	G. E. Taylor.
Soph. "	J. R. Perry.
Fresh. "	F. I. Parker.
Captain,	G. B. Willard.
Manager,	A. G. Eames.

Action was then taken in regard to the manner in which the editors of AGGIE LIFE shall be elected in future years.

Mr. Felt moved that the editors of AGGIE LIFE be elected by the Seniors of the board, amenable to the Senior class, the decision of the Senior class amenable to the College. Seconded by Mr. Hull and carried.

It was further moved and seconded that each class prepare a list of six men which they recommend to the Senior editors from which selection may be made. Carried.

The meeting then adjourned.

H. T. SHORES, Pres.
F. L. ARNOLD, Sec.

AGGIE LIFE.

Published Fortnightly by the Students of the
Mass. Agricultural College.

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BOARD OF EDITORS:

E. P. FELT, Editor-in-Chief,
O. V. B. LAGE, Business Manager,

A. G. EAMES, '91, H. N. LEGATE, '91,
J. L. FIELD, '92, G. E. TAYLOR, '92,
G. F. CURLEY, '93.

Address all communications to the Business Manager.

CARPENTER & MOREHOUSE, PRINTERS.

LET every student remember that the Saturday gymnasium exercises are provided by the Athletic Association, so that every man may find out what he is qualified for, and go into training for that branch. It is a duty that each student owes the college to come and do his best, even if, to his knowledge he is not fitted for any special class of athletics. Come! and find out your capabilities, for next spring an athletic team is to be put into the field.

It is certainly a privilege to have an afternoon off, to spend in study, reading or pastime, but to spend the whole or a greater part of it in another fellow's room is an imposition. Especially is it so, when in company with a few others you combine to make his room a hostelry and by your laughter and conversation render it impossible for him to put the afternoon to the use which he wishes to make of it. Good-fellowship is a fine thing in its place, but to take such liberty is an offence of which it is to be hoped none will be guilty when once reminded of it.

THE age when men were educated in log school houses, and when the boys carved their names in the rude benches, and upon the walls, is past, or should be, but some of the chairs in the recitation rooms about college, the walls of the basement, and various other places, seem to point somewhat in the direction of that age yet. Each student should take pride in maintaining the appearance of the college in every way, and not only not disfigure college property in any way, but should see to it that others are reminded of their forgetfulness in this respect.

WE are glad to be able to say that there are many men in college,—in fact, they are in a majority,—who, when asked to pay their tax levied for the support of some public enterprise, respond at once, as

if it were a privilege to be enrolled as a part of our college community. We would like to have them respond in like manner when asked for contributions to these columns. It is enough to make one tremble for the future of this paper to observe the reception given the Editor-in-Chief when he solicits parties not on the board of editors to write articles. It surprises us to hear a man say that the seven editors ought to be able to write enough. The function of the editorial board is rather to act as a balance wheel than to furnish all the motive power required. We do not object to doing considerable writing, but if the three lower classmen members of the board are to write all that come from the three lower classes, where is the material to come from to furnish next year's board? We respectfully submit this question to the serious consideration of our fellow students.

You are all doubtless aware that at a recent Mass Meeting, the election of the new board of editors was transferred from the different classes to the Senior editors. There can be no doubt that this is an improvement on the method at first proposed. The Senior editors have had an opportunity during the year to discover the men who are best fitted to undertake the future management of the paper. They will naturally be as anxious as anyone for its future welfare and be much less likely to be influenced by personal feelings than the different classes would be. Under the old arrangement it might easily happen that some man popular with his class, but unfitted for the position would be put upon the board. With the new system, although this might still happen it would be much less likely to, and in fact, the danger would be reduced to a minimum. Another feature of the new system still remains to be noticed. Each class will give in a list of six men to the Editor-in-Chief, from whom the editors for the ensuing year will be selected if it appears desirable. Now, although the Senior editors are not bound to follow these lists they will, nevertheless, have a considerable influence over them. This being the case, the classes cannot exercise too much care in making out their lists. It is important that personal and society feelings should not be allowed to influence the recommendations. Do not vote to put a man on the list simply because he belongs to your fraternity or because you are personally friendly to him. Vote for the men who are good writers and who are willing to work. If any class

follows out this principle it will have done its duty and will certainly have no reason to complain that its recommendations are disregarded.

GLEANINGS.

Feb. 10th, '91 bolt on Lieut.
Who puffed up Cranes' eyes?
The band is doing good work.
How did St. Valentine use you?
Dr. Goessmann to '91 "We are chemists"
Sawyer seems to be waiting for his razor to be honed.
See Blodgett & Clark's new announcement.
Prof. Warner lectured at Granby last week.
There was no inspection of rooms last Saturday.
Feb. 14. Horner and Graham received valentines.
'91 has accepted Dunklee of Greenfield as class photographer.
Have you seen the patent-double-acting-mirth-producing-salute?
It is quite encouraging to see so many working for the gold medal.
E. H. Dickinson '88, and S. H. Field '88, made us a visit Feb. 14.
Feb. 13. Stockbridge guards the '94 in Dr. Wellington's lecture room.
Prof. Paige—Some one please wake Mr. Gay and then we will proceed.
T. S. Bacon '94 returned Feb. 16, quite recovered from his recent illness.
The drill for the past week has been manual of arms and company drill.
The regular drill that should have occurred last Friday, came off Thursday.
Prof. Fernald, on account of sickness, Feb. 19, was unable to meet his classes.
Feb. 16, '91 and others attend a post-mortem examination of Pledge's Empire.
The lettuce at the plant house is looking well and cabbages are ready to prick out.
Mr. Belden's wedding will occur Mar. 17, instead of Feb. 17 as we had it in the last issue.
The singing school is now practicing on college songs. All should come out and learn them.
The Natural History Society witnessed a very interesting dissection by Prof. J. B. Paige last evening.
Shores and Felt will attend the Convention of Volunteers at Cleveland, held from Feb. 26th to March 1st.

Feb. 16. P. M. Howard '75 of Barre, Mass., lectured on the Holstein-Friesian Cattle before the Seniors.

Pledge's Empire, the large Holstein Bull owned by the college, died Feb. 16, cause, tetanus. He weighed over a ton.

The windows in the Drill Hall will soon be supplied with screens. The janitor will hail their advent with pleasure.

Pres't McLouth of South Dakota Agr. College, was in town last week and inspected the various departments of M. A. C.

All exercises were suspended Feb. 23 in observation of Washington's birthday. Quite a number spent the day at their homes.

Athletics, Feb. 21. High kick, Hull, '91, 1st; Crane, '92, 2d. One mile walk, Paige, '91, 1st; time, 8 min., 45 sec.; Legate, '91, 2d.

The Sophomores and Freshmen must "brace up" if they expect to do anything next spring. Last Saturday they were conspicuous by their absence.

W. H. Ranney, '93, has a nice stock of student's supplies for sale. Call and see if he is not worthy of your patronage. We should encourage home enterprise.

Feb. 14. A school from Haydenville visited the college, after looking over the college, the teacher inquires, "Where is the Agricultural college?" She thought this was Amherst college.

Feb. 12. Delegates from the convention at Williamstown report. The convention filled them with enthusiasm, and the royal way they were entertained gave them a very favorable opinion of the town.

The members of the Amherst Chapter, Q. T. V. Fraternity held a reunion and banquet, Friday evening, Feb. 20th, at Belchertown. Notwithstanding the stormy weather many alumni were present and one of the best of good times was enjoyed by all.

Mr. W. H. Beal, for four years a chemist at the Experiment Station, has received an appointment under Dr. Atwater, Director of the Central Office of Experiment Stations, Department of Agriculture, Washington, D. C. Mr. Beal is a graduate of the Agricultural and Mechanical College of Virginia.

Program of W. I. L. S. for next Friday evening: Declamation by F. H. Fowler; Question—Resolved that the single land tax would be a benefit to the farmer. 1st Aff. J. Baker, 1st Neg. G. F. Curley, 2d Aff. J. E. Gifford, 2d Neg. H. G. Stock-

well; Declamation, C. P. Lounsbury; Reading, F. T. Harlow; Essay, H. M. Howard.

Competitive drill. The competitive drill will occur at College Hall Saturday evening Feb. 28. The order of exercises. 1st Individual competitive drill in manual of arms for prize medal. 2nd, Competitive drill, company for the position of color company. 3d, Sabre drill. The Individual competitive will be conducted by Lieut. Cornish, and the Sabre drill by Major Ruggles.

Owing to the polo game Saturday Feb. 14, the athletic exercises were not very largely contested. For the half mile run there were three competitors. E. T. Clark '92 was the only one to finish. Time 2.32. For the high jump there were also three competitors. First and second places were as follows: G. O. Sanford '94, 1st, G. E. Taylor '92, 2nd.

Last week Mr. S. M. Sayford held a number of special meetings in the Y. M. C. A. rooms, beginning Wednesday evening and closing Sunday. The meetings were well attended, though many fellows had gone home for a few days. Over twelve men promised to live a Christian life in the future, besides many others who were deeply interested. The Christian men were also helped very much and many resolved to live a better life. Sunday evening Mr. Sayford gave his confidential talk to the young men of the colleges and the town, in the town hall, which was nearly filled. Mr. Sayford evidently knew what he was talking about, and showed all his listeners the evil tendencies of many practices so common among young men. At the close of the talk many entered into a covenant to forsake these ways and live a more manly life.

A mock trial was held by the W. I. L. S. last Friday evening. A suit for a divorce was brought against Timothy Mulligan by Betsey Mulligan, his lawful wife, who together with her daughter Maggie claimed to have been mal-treated by said Mulligan. M. Ruggles acted as Mr. Mulligan, E. L. Boardman as Mrs. Mulligan, C. F. Johnson as Maggie. The judge was B. L. Hartwell, clerk, F. S. Hoyt, crier, W. A. Brown, foreman of the jury, H. E. Crane. The witnesses were as follows: for the plaintiff, Maggie Mulligan, H. B. Emerson, E. W. Morse, C. P. Lounsbury, H. F. Staples, F. L. Green. For the defendant, F. H. Henderson, F. T. Harlow, A. E. Melendy, H. G. Stockwell. They were called up in order and testified. After the pleas by E. P. Felt for the plaintiff and H. M. Howard

for the defendant, the jury filed out. Soon after they returned and reported. Mulligan was found guilty and a divorce was granted his wife. The counsel for the defendant appealed. Court adjourned *sine die*.

Thursday, the 12th, Hull received a letter from the Storrs Agl. School, Conn. to the effect that they would like to play our team at polo on the ice at Storrs, Conn. A tax was levied, the money raised, and Saturday morning the team started for Eagleville, Conn., where they were met by the Storrs team, who had decided that it was advisable to play at that place instead of at Storrs. At ten o'clock the game began, and after two twenty minute halves the score was three to three. Then play was resumed with the understanding that the first team scoring should be considered victors. Our team was the first to score. The teams were made up as follows:

STORRS.		AGGIE.	
Cadwell, }	Rushers.	{ Willard,	
Jewett, }		{ Hull,	
Manchester,	Centre,	Paige,	
Chamberlain.	Half-back.	Fletcher, (Rog-	
		ers, 2d half.	
Frisbee,	Goat	Lehnert,	

The following is the official score:

Goals, Won by.	Rush by.	Caged by,	Time, m.
1. Storrs. Jewett.		Cadwell.	.30
2. Aggie. Jewett.		Willard.	13.10
3. Storrs. Chamberlain.		Jewett.	18.00
4. Aggie. Hull.		Hull.	2.00
5. Aggie. Hull.		Willard.	9.00
6. Storrs. Chamberlain.		Cadwell.	4.00
7. Aggie. Hull.		Willard.	13.20

Score—Aggie 4, Storrs 3. Fouls—Willard, Rogers. Stops, Lehnert 4, Frisbee 2. Referees—F. O. Vinton, Fletcher. Timer—Vibert.

After the game the Storrs men took our men to the former's grounds to dinner and treated them in a decidedly gentlemanly manner throughout their stay. They came back on the four o'clock train from Eagleville.

Y. M. C. A.

- Feb. 26.—Led by the Spirit. Rom. 8:1-7. H. E. Crane.
 March 1.—The Secret of Christian Success. Josh. 1:6-9; Matt 25:23. E. T. Clark.
 March 5.—Deliverance from Death. Rom. 6:1-14. F. H. Henderson.
 March 8.—Praise Service. Ps. 100. L. W. Smith.

ALUMNI.

John C. Cutter, '72, Surgeon, Mass. Division S. of V. has been elected a Companion of the First Class in the Mass. Commandery of the Military Order of the Royal Legion of the United States.

COMMUNICATION.

MESSRS. EDITORS: In AGGIE LIFE of Jan. 28th I noticed a short editorial in reference to a communication from one of the alumni, which expressed a wish that others of the alumni would follow his example.

Now, I have never written an article for publication, but as I earnestly desire the success of AGGIE LIFE, a worthy enterprise which ought to have the support of everyone who has the interests of the college at heart, I will make a few suggestions to the undergraduates who have not laid out their future business plans, which, if you think worthy of publication, very well, if not, throw it in the waste basket.

I think every graduate of the college should, if he has the time and money to spare, take a post-graduate course in some special study, either at his own Alma Mater or at some other college or scientific school, so as to thoroughly prepare himself for his life work, first by carefully studying, before graduation, his natural tastes and business capacity, then select, if possible, a pursuit that is not overcrowded, such as analytical chemistry, civil, mechanical, or electrical engineering, veterinary science, architecture, draughting, especially mechanical, etc., as there is a demand for those who thoroughly understand these pursuits, and not much danger of their being overcrowded, like the professions, and the mercantile pursuits, as at the present time so many boys, girls, and young women take the places as clerks, book-keepers, etc., which used to be occupied by young men, who now cannot afford to accept the low salaries offered.

I am only too sorry that I did not take a post-graduate course upon graduation, for during the last year at college I felt as if I were just beginning to learn something, my mind seemed to grasp the subjects better and my ideas expanded. I suppose every Senior has had a similar feeling.

In this connection I would respectfully suggest to the Trustees that if the college had a Chair of Electrical Science it would add greatly to the benefits to be derived from the college, as electricity will soon rule the world, and, as it is intended that the graduates shall have a good scientific, as well as an agricultural education, the college should keep up with the times.

A good electrical engineer commands a fine salary (an electrician once informed me that a good electrical engineer received a salary of \$125 per month) and it will be

many a long year before there will be much competition in that line, as it is a deep study.

Good civil, electrical, and mechanical engineers, veterinary surgeons and draughtsmen could find employment in this city and section, but there is small chance for clerks, book-keepers, doctors, lawyers, etc., to make a good living. I think any young man should select, if possible, the business he has a taste for. If these hints should be of any use in shaping the future course of any of the students of the M. A. C. they are welcome to them.

A '74 ALUMNUS.

Hagerstown, Md., Feb. 9, '91.

WASHINGTON'S BIRTHDAY.

This great holiday for which the boys are generally so eager, has at last come and gone for the year 1891, but how many of us stopped to think what it was for, and why it was set apart as a holiday.

It is true, we all know that George Washington was born on the twenty-second day of February, but was this the only reason why it was made a holiday by the government? Let us see.

George Washington was brought up in what we would call the backwoods, but see what a man he made. He guided many safely through battle, and was generally victorious in whatever he undertook.

He was always looking out for the country's interests and did much to lift the burdens from the colonies and to throw off the bonds which held them to a tyrannical mother. After this was done, the people, seeing what he had done for them, thought that he would be a good one with whom to entrust the country's welfare, and, therefore, elected him president of the United States. They were by no means disappointed, and after serving one term in that position, they re-elected him.

While President, he performed his duties faithfully, and the people could well call him "Father of his Country."

Was not this a glorious life to have lived, and is it not well worthy of the renown which the government gives it?

I think so, and also that the government set this day apart in honor of that life and to show the people what it thinks of such men, and to encourage others to follow the example of him who was, "First in War, First in Peace, and First in the hearts of his Countrymen."



Business is business. FRANK WOOD will get up Spreads for the Boys this winter. Send your orders right along to get there first.

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CHOICE OF OCCUPATION.

From the time a person reaches that age where he begins to anticipate his future, the very perplexing question often comes to him, "what shall be my life work?" Frequently, special aptitude for some line of work leaves the person without a doubt as to what profession or trade he is best adapted, and having so decided, all his energies may be put forth to perfect himself in the line of work which he proposes to follow and thus he saves much valuable time. But, perhaps, the average young man at the present time, being without any special talent which would indicate to him the occupation for which he is best suited, cannot determine this important question so easily. The years come and go without his being able to come to a decision in regard to his future career. Thus he passes from the preparatory schools into business or college life without a settled purpose. The question, "what shall I make my life work?" is constantly coming to him, but the more he considers the question, the farther does it seem from being solved. In the course of time an opening presents itself to him, he seizes the opportunity and perhaps becomes successful in the line of work into which Fortune has almost compelled him to go. It very often happens that he finds himself placed in a position which is so well suited to him that his chances for success are better than they could have been in any other occupation. It may be, on the other hand, that his work will prove uncongenial to him, but by diligence and close attention to his duties he may yet become master of the situation and be attended with prosperity. It is evident, however, that such a man does not stand an equal chance with his more fortunate fellow, who has been able to discern those qualities in himself, which he is conscious will result in successful work in a certain profession. But by being ever ready to make the most of one's surroundings he may in the end outstrip his more talented competitor.

One of the great advantages of education is that it allows a man to study his character under favorable circumstances. He perceives the lines of work and study to which he is naturally adapted, and with such knowledge as a clew he may be able to make a much wiser choice than would otherwise be possible.

It becomes necessary for a young man, undecided as to his future work, to be ever on the alert for self improvement in all directions, to constantly watch for oppor-

tunities of developing his different faculties, so that when he sees the guide post of Fate pointing in a certain direction, he may be able to enter upon his career, conscious of a certain degree of ability to accomplish the work, which shall confront him. Then, let us not be discouraged, if, with our college life fast passing from us, we are still uncertain as to the exact line of work which we are to follow. Let the thought of our failing in this direction stimulate us to make the most of all the advantages which these years of preparation have in store for us.

F. S. H.

OTHER COLLEGES.

P. T. Barnum recently presented Tufts College with the body of a tiger valued at \$10,000 when alive.

A very fine art museum to cost \$150,000 is to be added to Stanford University by Mrs. Stanford.

Elmira College has received an absolute gift of \$100,000 from Sloman Gillett of Elmira.

Prof. N. H. Palmer of the Western Reserve University of Cleveland, O. has been elected to the chair of German at Yale.

MAILS.

Mail leaves college for P. O. at 1 P. M. and 7 P. M. on week days. On Sunday it leaves at 4-45 P. M. At the P. O. mails close as follows:

Boston,

7-45, 8-30, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.

New York, Western and Southern States,

7-45, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.

Northampton, Springfield and Western

Massachusetts,

7-20, 10-15, 10-45 A. M.; 6-45 P. M.

Northern way, N. L. Northern,

8-30 A. M.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 1-30 to 3-30 each afternoon excepting Saturday and Sunday.

The college library will be open from 2 to 4 P. M. and from 6 to 8 P. M. each day, excepting Saturday and Sunday. On Saturday it will be open from 9 to 12 A. M. and from 2 to 4 P. M., and on Sunday from 2 to 3 P. M.

President Goodell will be at his office from 2 to 4 P. M. every afternoon except Saturday and Sunday.

THE LIBRARY.

The College Library should be the resort of every student during a part of his leisure moments. The Library has now reached a position where it can fulfill the demands of the college, being well supplied with reference and standard works on Science, Philosophy and General Literature.

The doors of the College Library being thrown open to us as they are, there is no reason why we should not avail ourselves of this privilege and spend many pleasant and profitable moments in consulting its contents. If you are hastening around college in search of a Senior any afternoon and are unable to find him, do not forget to visit the Library, where you will doubtless find him with several of his classmates, pondering over the works of Political Economy in search of a subject for his Commencement Thesis. If you wish to make a specialty of any particular subject, seek the opinion of your Professor by whom it is taught, and he will be glad to refer you to the most reliable books on that subject.

When in the Library consult the librarian and he will assist you in finding whatever you may desire to read. Indeed, we have our Reading Rooms which contain much valuable reading matter, but many of our newspapers are filled with a vast amount of trash, tales of gossip, rumors of things to be. Articles on all sorts of subjects are tumbled into our minds, without any attempt to think them over or to make them our own. Such a system is most disastrous to the memory of the reader and is utterly unprofitable. By reading books, we get a more continuous and exhaustive treatise on any subject; however, these, like papers, are very numerous, and it is for this reason that a choice should be made in our reading, and the more precious our time the more solicitations we should be to choose only the best. Books are indeed our principal instructors, and do more in the formation of our moral character and intellectual habits than all other means combined.

Let us, therefore, aim to read that which is of the highest character and remember that it amounts to nothing unless mastered, digested and assimilated. We should make a good selection, avoiding all books having deliterious tendencies, and procuring those best calculated to elevate the taste of the reader and lead to other reading of a more useful and valuable character. For instance, in selecting a course of Agr'l Reading the book entitled "My Farm at Edge-

wood" is a kind of reading to awaken interest in the right direction and also furnishes much amusement.

The Scientific class as well as that of Useful Arts is well filled out and we can feel proud of being the possessors of such a fine Scientific Library.

If we wish to take up the reading of fiction the new book is not always the best, and may be the worst. The standard works are the most reliable; in this kind of literature we have the dramas of Shakespeare, which have never been equalled, and the novels of Scott, which are unsurpassed. Fragments from Chaucer, Shakespeare, Pope and Browning linger in the mind, while verses of hundreds of others are forgotten.

The novels of our Library are of an interesting character, comprising the works of Scott, Thackeray, Eliott and Roe.

The greatest precaution has been used in selecting books to be placed at our disposal.

Our college life is too short for folly, then let us not fill our minds with sweepings and cobwebs of foul thinkers but strive to spend more time amongst this valuable collection of books.

L. F. HOWE.

A WARNING.

(Dedicated to members of the Senior Class.)

I was a moustache, "small but sweet."

Possessed by a Senior discreet.

It would have been well with me,

But for reasons soon you'll see,

My efforts to grow met defeat.

Formerly in my youthful days,

I was rather too small to raise:

So with razor very keen,

My master sheared me off clean.

Hoping thus to increase my pace.

So he explained—I believing.

(He was not used to deceiving.)

Accepted my cruel fate,

And at an increasing rate,

My work was bravely achieving.

So one day, as the time had arrived

To shave again—for I had thrived—

As he stood before the glass,

Concluded that I would pass,

And that I should at least be tried.

With this good fortune I was pleased,

And the opportunity seized.

Push this way and then that way,

Worked "for business" night and day,

And my last efforts not once eased.

But he was hard to satisfy,

And to hurry me on would try.

He would twist and then curl me,

Would finger and now twirl me.

And even used on me a dye.

I would not stand this long, you see,

And so at last to avenge me,

All my labors I did check,

And became a complete wreck.

And will remain so,—probably.

MORAL.

So if your moustache will not grow.

Or its progress seems very slow.

Find out at once if you may,

If you're to blame in this way.

Then the remedy you may know.

F. S. H.

E. B. DICKINSON, D. D. S.

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AGGIE LIFE



J. STURGIS, BOSTON.

VOL. I.

AMHERST, MASS., MARCH 11, 1891.

NO. 1.

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AGGIE LIFE.

VOL. I.

AMHERST, MASS., MARCH 11, 1891.

No. 11

VERITAS VINCIT.

In drowsy mood I sat at recitation,
With head inclined as if in contemplation.
Distinctions psychologic being finely drawn,
Were soporific in effect, that morn.
My brain half dazed, my fancy running wild,
I seemed enclosed by books immensely piled.
No means appeared by which I could surmount
Such lofty theories beyond account.
The only resource left was to bore through,
Which seemed a thing impossible to do;
But flashing light soon shone on every side,
Which first bewildered, then became a guide:
One little opening wide and wider grew:
Till finally all theories, old and new,
Came tumbling down and crashing at my feet,
I saw my liberty become complete.
The percept—that I was no longer bound,
The concept—that escape might now be found.
Deductive reasoning led me to conclude
I'd better "skip," while chances were so good.
Skip? yes! from page to page and book to book,
Resolved that backward I would never look.
Who goes from facts to truths will soonest
reach
The goal, as new psychology doth teach.
So from the fact that little did I know,
I soon deduced the truth—'tis even so.
Forthwith my head was bumped against the
wall,
As seatmate gave me notice of a call.
I heard a startling voice pronounce my name,
Quickly I answered, "Here am I the same."
Questioned, I turned and looking wondrous
wise,
I took my laughing classmates by surprise,
That, from a nap so sound, I could awake
And such astounding propositions make.
Wild guesses mixed with swelling words were
given—
Nevertheless, my mark stood number seven.
Ah! college boys, please listen while I say
That such example, though it may seem G A Y,
Should not be followed, lest you find at last,
Examinations cannot thus be passed.

NIAGARA IN WINTER.

The thermometer was hovering about zero, as the train from Buffalo slowed up at Niagara Falls and allowed us to stop over and view these celebrated falls. After a good breakfast we engaged a team and were driven to the bridge above the falls, that connects Goat Island with the American shore, and here stopped a few minutes to look up the rapids. At this point the river is over four thousand feet wide, and we looked with surprise up onto acres of rushing, tumbling water that extended up as far as the eye could reach, and was broken here and there by huge boulders and cakes of ice. After a few minutes we

crossed to Goat Island and drove to the point overlooking the American Falls; here a grand view is obtained of these falls that make a direct plunge of one hundred and sixty-five feet; in a few minutes we descended and crossed a small bridge to a large ledge, called Lunar Island; here we stood with nothing but a slight rail between us and that terrible fall, while everything we touched was thickly coated with ice, formed from the spray that blew in all directions; as we stood there in silent admiration the sun came from behind a cloud and shot its rays into that cold, biting spray, forming a beautiful rainbow. Words fail to express the grandeur and beauty of the wild winter scene.

Reluctantly we turned away and were driven to the other side of the island, where we obtained a fine view of the Canadian or Horse-shoe Falls, in the distance; soon we passed up stream and crossed on the foot-bridge from one Sister island to another, till we reached the farther side of the Third Sister island, and witnessed the fascinating rapids above the Canadian falls. Here a person could sit for hours, watching the water pile itself into huge heaps, as though driven by some mysterious power; half a mile away, across these raging waters, the Canadian shore is visible; the spray blows with stinging effect in our faces,—still we stand lost in silent admiration,—at last the severity of the cold compels us to leave this point and we return to our team and drive around the upper end of the island, back over the bridge, onto the American shore; then we pass down stream to prospect point that overhangs the American Falls. Here we stop a few minutes and watch the cakes of ice float over the falls; see them descend with the spray and then notice the bits of ice below; soon we pass on down to the suspension bridge—here we are informed that the bridge is one hundred and eighty-seven feet above the surface of the water, and that the river is about as deep for a number of miles—the surface looks as calm as a mill-pond, but what a current there must be below. We drive slowly over the bridge and obtain a fine view of both falls; the icicles hanging on the perpendicular banks on both sides attract our attention, some of them weigh tons; the river gorge is nine

miles long; soon we reach the Canadian shore, and drive up stream opposite the Canadian Falls. These falls are the largest and the greater bulk of water passes over them; it is estimated that a sheet of water forty feet thick passes over that ledge and falls one hundred and fifty feet; the spray hangs like a cloud over these falls, sometimes shooting up higher than the falls, while the sun's rays form beautiful rainbows in the mist; all surrounding objects are thickly coated with ice. Can language do justice to such a scene? Men can only stand and watch in silence, overawed by the grandeur, and then say to others "go and see." After watching this grand scene we leave it, feeling unable to appreciate it all, and return to the American shore.

Next we pass down to the Whirlpool Rapids and descended those perpendicular banks to the water's edge; here the current comes to the surface with a mad rush and piles itself into heaps; here Capt. Webb lost his life a few years ago. It was sublime to stand there and watch those rushing waters; below we could see the Whirlpool, which is caused by a sudden bend in the river, up stream the railroad suspension and cantilever bridges are outlined against the sky. After purchasing a few views we returned to the station feeling amply repaid for the time and money spent.

E. P. F.

AN ARGUMENT IN THE NEGATIVE.

Should all who enter the M. A. C. be obliged to stay four years to complete the course?

There are many who enter this college with a determination to complete the course. A few soon after entering see their way clear to do all the required work in three years. Such men, if fortunate enough to secure the good-will of the Faculty may succeed in accomplishing their desire. Some men who enter the M. A. C. have had the benefit of a first-class high school education, and are thus fitted to take a higher position than the average applicant for admission. So far as ability goes then, he has a right to an advanced position.

There is another class of students known as grinds. They are often poor in pocket and cannot afford to spend four years in

accomplishing that which it is possible for them to do in three. Who would wish to hinder such men from trying to gain the desired end? Evidently they are able and willing to do the work and know that "Satan finds some mischief still for idle hands (and minds) to do." They believe that hard work is good for a man and that you can hardly put more work on him than he can bear. "It is worry, not work, that kills a man." Grinds are incited to greater activity by having just a little more work than they can accomplish with their present activity. Study is their delight.

But some one says, if such men were allowed to gradually work their way through and finish the course in three years, we should have no class distinction or feeling among those who enter college the same year. Those who speak thus forget that of the large number who enter each year, only a few are grinds or men who have enjoyed superior educational advantages. Then too, such men are not inclined to break up class pride; they are too independent and too absorbed in their studies to be meddling with class politics.

The numerous commercial schools throughout the United States are in general run on the principle of giving each man opportunity for development according to his own free will and ability. This method does not create classes and hence no money or energies are expended in maintaining class honors. There is a unity of the whole however, which is particularly pleasing to observe. In these a certain amount of work must be done before a certificate of sufficiency can be obtained; yet it makes no difference whether a man is able to arrive at that stage in six months or a year; he gets his diploma when the work is accomplished. Nothing but the individual's energy and ability will give him the right to a diploma. No man is borne along or kept from advancing by a class; but he must stand on his merits, and gain what he does by himself and for himself.

The three years course proposed for the new Chicago University will allow greater individual freedom. It is proposed to govern the institution so as to bring about: greater concentration on the part of the student; permit the admission of students to the university at several times during the year; make it possible for the summer months to be employed; provide against the present method of passing all men, the good and poor alike through the same course; raise the standard of work; furnish greater

stimulus and incentive; secure greater intimacy between instructors and students; encourage an independent feeling on the part of all who share the advantages of the university.

The above has met the approval of the best educators of the country, being endorsed by the professors in all our leading universities and colleges.

Such men as Pres. Eliot of Harvard are beginning to advocate a three years course in the academic department of the university so that professional training may be begun earlier. The professional training seems to the youth and his parents the prime necessity. And if both college and professional training cannot be afforded the former is to be the one neglected. The statistics show that the number of students in American colleges has not increased proportionally with the population at large. This may be because so much time is required to be spent in the college course before the young men are allowed to enter the professional schools. The report of the Harvard Faculty on the advisability of shortening the college course to three years showed that 34 were in favor and 28 opposed to the change. One reason for a shorter course is that the public schools are furnishing better prepared young men.

The majority of the Faculty think the college should facilitate an optional shortening of the time spent on its course leading to A. B. This last statement is what is particularly applicable to the case of certain men here who on entering desire to spend a shorter time on the course of study leading to B. S. It seems advisable to them that those who are able and willing to complete the course in three years should be allowed to do so. More young men would be encouraged to enter college and be more apt to finish the course.

H. M. A.

"SHALL THE STANDARD OF ADMISSION TO THE MASSACHUSETTS AGRICULTURAL COLLEGE BE RAISED?"

The question of raising the standard of admission to the Massachusetts Agricultural College brings into consideration:

First, the class of applicants, their previous training, and their outlook for the future.

Second, the effect of such a change upon the success of the college.

Those who apply for admission are, from the very nature of the purpose of the col-

lege, drawn largely from farming districts where preliminary educational advantages are few. We also meet a class of applicants, who, not caring to enter regular classical colleges, yet desire practical training for useful life work beyond that furnished in early school years.

At the present time, changing to a higher standard of admission, would necessarily debar a large percentage of these applicants from entry, and the number of students would dwindle to a dangerously low figure, such as would probably seriously cripple the enterprise.

Being a college devoted to Agriculture, "the course of study"—to quote from Pres. Goodell—"is intended to give thorough and practical instruction in the five departments, assisting to give a better understanding of:

I. Agriculture, theoretical and practical stock-breeding, drainage and irrigation, special crops, etc.

II. Botany, including horticulture, market gardening, arboriculture, care of green houses, etc.

III. Chemistry, in its application to agriculture and the industries, practice work in the laboratory, geology and mineralogy, so far as relating to the composition of soils, mineral constituents, etc.

IV. Animal life, zoology, entomology, veterinary science, human anatomy and physiology.

V. Mathematics and physics, including practical work in surveying, road making, laying of tiles, etc. Meteorology, in the relation of climate to crops, etc.

It is to be regretted that with existing conditions, it is impossible to thoroughly cover this ground within the prescribed time; but with our ever progressing methods along all lines of educational work, the date is possibly at hand, and will be hailed with joy, when a more thorough and practical preliminary education will be given.

Then those who apply for training in special directions will be better prepared to enter upon such labor.

Then the standard of admission may be raised without danger; and such an institution as the Massachusetts Agricultural College may devote much valuable time now given over to general elementary study, to its own special work.

CHARLES E. YOUNG, M. D. '81.

This question was quite warmly discussed at the last annual meeting of the associate alumni at Amherst. A rather ambiguous resolution was proposed, endorsing the fac-

ulty's efforts to raise the standard of admission and the percentage required of students during the college course. The resolution was carried, but by a very small majority.

The strongest argument brought out in favor of raising the standard of admission was: That young men examining the catalogue of M. A. C. and of Amherst College find that the latter contains a much stiffer examination, and hence (?), Amherst is a better institution.

My argument is in favor of leaving things alone, and I will briefly give the reasons for my conservatism.

1st. We know what the present standard of admission does; we do not know what a change will effect. The institution is turning out a fine body of educated men; I do not say there is no room for improvement; far from that; the recent acquisition of chairs of Veterinary Science and of English are warmly welcomed.

But what do the graduates accomplish? Three hundred and nineteen have received the degree of Bachelor of Science; twelve are dead. Of the three hundred and seven living, we find that forty-five are farmers; nine are in commercial pursuits connected with agriculture; ten are florists, orange growers or butter makers; two are agricultural editors, while thirty-eight are connected with Agricultural Colleges and Experiment Stations; nine graduates are practicing law, fourteen medicine, seven veterinary, one dentistry, while four are clergymen, and six have received the degree of Doctor of Philosophy. Examine the remaining one hundred and sixty odd, and you will find "no dead beats."

All these things show that the graduates are competing successfully with the graduates of classical institutions.

The second part and also the end of my argument is:

The Massachusetts Agricultural College was not established on the same basis as Williams or Amherst College. It was founded to fill a need which undoubtedly these institutions did not; therefore, I think it absurd to say that we must compete with Amherst College. Indeed, it is just as absurd to say that Amherst College must compete with our Alma Mater.

Of the eighteen items required in Yale's terms of admission are; eight in Latin, six in Greek, three in Mathematics and one in French or German.

Brown and Williams require English composition; the latter, also, Modern and Ancient Geography.

Our humble College requires English Grammar, Geography, Arithmetic, Algebra to quadratic equations, the metric system, and History of the United States.

The object of study is to educate; knowledge without wisdom is nothing. Scientists said it was impossible to send four messages over one wire at the same time; the inventors of the Quadruplex had not enough knowledge to answer their opponents in writing, but they had the wisdom to send four messages at one time on one wire. So the dictum of knowledge was upset by wisdom. Would it not have been more wise for these scientists to have remembered Paul A. Chadbourne's definition of a science, "a collection of facts pertaining to any one subject?" The inventors of the Quadruplex had obtained some new facts as to electricity that made the science greater and broader.

Lieut. C. A. L. Totten's great argument "Our Race—the romance of History," makes plain to us that the Anglo-Saxon race is the dominant factor of the world and that America is the greatest of all Anglo-Saxon countries.

As the political and economic conditions of America are better than those of all other countries, so the institution that places the study of American History in its requirements for admission is more patriotic and of greater value to its country than the institution that requires a knowledge of the histories of dead races and of dead letters.

I claim that an education in the natural sciences gives as much, if not more, wisdom than a study of the dead languages, in that it teaches one to observe and how to use the things observed.

If eternity was not near we could spend our time in learning all things but as we must for a short time only see "through a glass darkly," it is well that we use our time to the best advantage.

Professor Luther Whiting Mason, the founder of the public school musical system in America, is now in Berlin, and under date of Jan. 6th, 1891, he writes a most interesting testimony obtained while with Prof. Virchow, the world's greatest pathologist, whom he visited with a card of introduction from the writer's father, to show him as a cured case of consumption of the lungs achieved in 1878 by American methods; and let me say parenthetically, for the sake of America's institutions that his evidences of cure were received with respect even during the time when the excitement over Koch's promise

to cure consumption was greatest. Prof. Mason writes: "I was very fortunate in having my Japanese friend, Dr. Tamaka, with me. Dr. Virchow is a member of Parliament and is the leader of educational reform; he seems to be carrying the day with the emperor. The great point he makes, if I understand the matter, is, that so much time spent in the ancient languages and mathematics does not advance the modern ideas as to scientific research, and in the Parliament he has taken the Japanese students who have been with him as outrunning all other nations, and they are, most all of them, ignorant of Greek and Latin.

My inductions are:

1st. The institution does not want those that reject it, because the examination is not stiff enough to suit them.

2. Our Alma Mater is a State and National institution for young men who are anxious to gain an education but who cannot afford to spend years and money in making the "fit" required by classical institutions.

3. This subject is loaded and it is well in discussing it to consider many sides; truth is a crystal with many faces; each face divided into many facets; sometimes one sees the light reflected from only one facet and thinks it is the whole truth.

JOHN A. CUTTER, M. D., '82.

1730 Broadway, New York.

The writer of the foregoing has taken a slightly twisted view of this subject. It is not the intention or the purpose of any right-minded friend of the college, to introduce languages more extensively into the curriculum as entrance requisites, but rather to require a more advanced examination in the English branches, for it is found in nearly every instance that there were opportunities of taking a portion of the studies pursued here the first year, at the High School, at a much less expense to the student than for the same time spent upon them here, while the time taken up by them might be much more profitably spent in a more thorough and extended course in the higher sciences.—[Ed.]

NEW YORK, February 26, 1891.

I cannot but believe that this question is the most serious of any that could be asked, and that it vitally affects the future and destiny of our college. Bearing the seriousness of consequences of any change in the curriculum in mind, I must confess

[Continued on page 88.]

AGGIE LIFE.

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WE would remind our readers that all the papers in the reading room are purchased by different persons, and as owners they have a right to the whole of their property. We hope that men who desire a certain clipping will consult with the purchaser of the paper and thereby avoid any ill feeling.

WE are glad to publish several articles from the alumni this week. Certainly, as a college paper, we should be willing to devote space to the discussion of problems that effect the future of the college. We hope that none of the alumni will be backward in expressing their views, either on this question or some other.

THERE will be a general court martial composed of members of the Senior class on Friday next, in Lieut. Cornish's recitation room, to investigate the cause of the discomfiture of Co. D on the evening of the competitive drill. It is to be hoped that the members of the court will leave all previous knowledge of the case and personal considerations behind them, and be guided to a decision entirely by the evidence.

OCCASIONALLY at drill we hear a captain sharply commanding a man to put on his gloves. This is perfectly right and proper, as white gloves are a part of the uniform. But why has this man ventured to come on drill without them? Ask him and he will tell you he can drill better without them. This same answer would, I think, be given by the majority of students. Almost every prize drill is carried on without gloves on the contestants. Now, if men in this position can drill better with bare hands, it stands to reason that the difference would be equally marked in every day company drill. It may look nicer to see white gloves throughout the battalion at dress parade; but even then the guns will slip

through the fingers, and the unnecessary strength put forth to hold the piece in place will tend to promote unsteadiness, and this alone would offset the appearance of the hands. Therefore, greater excellence in drilling can be attained by simply throwing gloves out of the question, would it not be advisable to do so at once?

The Mary Howe concert on the evening of Monday, the 2d, was greeted by as large an audience as the hall could seat. The members of the troop were all artists of the first order. Mr. T. Adamowski was unfortunately prevented, by illness, from taking part in the concert, but his numbers were played by his brother. Mr. Schnöcker's performance on the harp was masterly, and that it was appreciated by the audience was manifested by the number of times he was encored. Some claim to have been disappointed with the performance of Miss Howe herself, but we should be slow to criticise so widely recognized a celebrity. The fact that Miss Howe was tired out, having sung for several consecutive nights and made long journeys by day, ought to excuse any noticeable lack of the sweetness and animation which usually characterize her singing. That her voice has a wonderful range and that she has it most perfectly under control, must be patent to all who attended the concert Monday evening.

That individual prize drills tend to raise the standard of the whole corps, no one can deny who witnessed the exhibition in College Hall, Saturday evening, Feb. 28. The improved excellence in individual drill over the exhibition of last year was only equalled by the greater *esprit de corps* shown by the members of each company. The fact that the two companies that came out respectively third and fourth in the last drill for the colors, came first and second in this, means more than a mere reversal of the orders. It was the result of hard work by both these companies, and that without any deterioration on the part of the other companies. The fact that one of these latter companies came to grief was, undoubtedly, due rather to an untoward train of circumstances than to inefficiency in marching or manual. Leaving out this accident, the work of the whole battalion has improved greatly in the last two months. The sabre squad made a good show for the length of time spent in practice, but the hall was too small to allow perfect freedom of motion for so

many files. It was encouraging to see so many competitors on the floor in the drill for the medal. In behalf of the college we wish to thank Fr. Drennan for the interest he displayed in the battalion, by offering this medal. We also congratulate Mr. Curley, the victor, on his success.

If the schedule in the catalogue recently issued is followed, the Senior class will have twenty-one hours recitation per week, during the Spring term. This is an innovation which we cannot too severely condemn. It has been the custom to make the studies of the last term of the Senior year less arduous than those of other terms. This is as it should be, for there is so much to be done in preparing for Commencement, that the Seniors do not have as much time to devote to the regular studies of the course as they have previously enjoyed. There are Commencement theses and military essays to be written, and if a man is fortunate enough to secure an appointment for Commencement, his work will be greatly increased. Up to the present year this condition has been recognized, and the Senior class has had only twelve or fourteen hours recitation. Even then, to use a slang phrase, they have not had a "soft snap." But if the schedule in the catalogue is adhered to, they will enjoy the unenviable distinction of being the hardest worked class in college. It is folly to expect that a man who is driven by work up to the last moment, will be able to do full justice to himself on the Commencement stage. We hope that some arrangement will be made before the beginning of the next term whereby the classroom work of the Senior class can be reduced. It does not seem impossible to do this, and it is certainly a change imperatively demanded by the circumstances of the case.

As the winter term is almost over and Spring with its associations of out-door exercise and sport is near at hand, it is perhaps timely to begin the discussion of matters connected with base-ball. Every Spring there are games between the different classes, which are supposed to be for the College championship. But as these are arranged by challenge and do not have official sanction the result is not all that could be desired. At the end of the season there are usually two or more classes claiming the championship, each of which presses its claim with an amount of vociferation proportional to the weakness of its

cause. It seems to us that if the base-ball management would take hold of these class games and arrange a regular series for the college championship, a two-fold result would be obtained. The championship system would, for once, be definitely settled and these games would also serve as a valuable means for developing men for the college team. Many men would play in them who would not otherwise appear on the ball field, and it would be strange, indeed, if some valuable material for the college team could not be found among them. There are always two or three weeks at the beginning of the season when there are no college games. If the class games could come off then they would not interfere with the practice of the college team and would serve as a sort of training school for the college players. They would also serve the purpose of arousing the interest in base-ball early in the season. The trouble has been in the past that we did not wake up and become enthusiastic about base-ball until the season was nearly over, and anything that would tend to remedy this should be heartily welcomed. In offering these suggestions to the management, we feel that the sentiment of the college is with us and hope soon to hear of some action being taken in the matter.

GLEANINGS.

March 4, Stockbridge claims to have had a kiss.

Prof. Fernald visited the Hub last Wednesday.

Where are the centre lamps in the reading room?

Miss Stratton returned to her duties last week.

Feb. 26,—'93 takes a novel bolt on Prof. Maynard.

Ask W. A. Brown if Miss W—— washed his face last week?

Feb. 28—Howard, '93, reviews the battalion by gas light.

Guns are now to be made at Worcester Institute of Technology.

The twenty-eighth annual report of the college appeared last week.

Keith, '94, being ill, was obliged to return to his home last week.

Horner, Higgins, Parker and Duffield were on the sick list last week.

This term closes Thursday, March 26th. Are you ready for examinations?

Shores and Felt returned last week Tuesday from their western trip.

H. E. Crane, '92, has now fully recovered from his recent eye trouble.

The Seniors seem to find plenty of subjects for dissection at the farm barn.

Did you notice that Legat(e)ion from East street in the balcony, Feb. 28?

We regret the misfortune that led Putnam, '94, to be without a piccolo, Feb. 28.

The annual report of the President of Boston University was issued Jan. 12, 1891.

White, '94, has reformed and now appears at the boarding club three times a day.

Barton '94 tried to wake the dead last week, while declaiming. Plenty of noise there.

Lieut. Cornish lectured before the Leverett Farmers League Friday evening, Mar. 6.

Pictures of the late H. B. Learned may be had by leaving order at No. 1, South college.

The Reading Room Tax for this term is fixed at 75c. Every man should pay up at once.

Pres. Gates of Amherst college has made a score of 278 out of a possible 300 at bowling.

Delegates of the fair sex from Northfield Seminary were present at the recent prize drill.

Ninety thousand cows have to be milked twice a day to supply London alone. Water big business it is!

Jones & Co., artistic photographers, State Experiment Station. Satisfaction guaranteed, or money refunded.

Her little hand so soft and white,

Ah, how I longed to win it.

I called upon her Pa last night,

And now I am not in it.

F. W. Park '94 took the first prize at the Poverty ball last Friday evening. The prize, a cigarette case, is truly a symbol of poverty.

Athletics, Saturday, March 7th. Horizontal bar, Tinoco '93 1st; Perry '93 2nd. Quarter-mile run, Hull, '91, 1st, Fletcher '92, 2nd.

Rev. Austin B. Bassett, formerly professor of mathematics at the Mass. Agr'l College, is now pastor of a Congregational church in Ware.

The singing school is quite well attended just at present. The introduction of College Song books makes the exercise doubly interesting.

Prof. Warner being unable to attend to his duties Feb. 26 and 27, the Freshman, Junior, and Senior classes were met by Lieut. L. W. Cornish instead.

The bill relating to the transfer of the military property to the trustees of the college has passed both houses and only awaits the Governor's signature.

A business meeting of the M. A. C. A. C. M. has been called for March 13, at 4 o'clock P. M., at the office of the Secretary of the State Board of Agriculture.

We notice that the snow-plow from the Botanic Department goes around before breakfast, whenever there is need of it. The Farm Management might well profit by the good example set them.

March 4th, Prof. Warner delivered a lecture in the town hall. His subject was "Meteorology and the Farmer," and he seemed to have been favored with a practical illustration of its operation.

Last Friday an Amherst student was here selling tickets for their mock trial of Mar. 6. If they expect us to patronize them in their entertainments, we have at least the right to expect a like compliment of them.

The fourth general convention of the Phi Sigma Kappa fraternity was held Feb. 20th, at the rooms of Beta (formerly Alden March) chapter at Albany, N. Y. G. B. Willard was delegate from Pi chapter.

Last Thursday evening, at the Y. M. C. A. E. P. Felt gave a short report of the conference of Volunteers held recently at Cleveland, Ohio. There were between four and five hundred delegates in attendance, besides about thirty Missionaries from the foreign field and the Secretaries of the various Foreign Missionary Boards.

The Mass. Institute of Technology has petitioned the Legislature relative to the sum of money received from the United States, now in the hands of the State Treasurer, for the benefit of agriculture and the mechanic arts. The matter is still in the hands of the Committee on Education and no hearings have yet been held.

At a meeting of the Natural History Society, held Feb. 24, Dr. Paige gave an interesting lecture on dissection. He took as a subject, a cat. All through his talk he endeavored to show that this line of work is very interesting and he succeeded in holding the attention of all throughout. At the close he was warmly applauded.

Base-ball practice is carried on quite vigorously at the drill hall every day. This building is not as convenient a place to practice in as might be expected. The cement floor proves a detriment to base balls and shoe leather. It also prevents the taking of several other valuable exercises such as sliding bases. We hope some day in the near future to have a cage in which to do all our practicing and thus lessen the expense incurred by the use of so many balls, by broken windows and by the unnecessary amount of shoe-leather now spoiled.

At a meeting of the W. I. L. S., held last Friday evening, the question discussed was: Resolved that education is a better qualification for suffrage than property. 1st affirmative, F. H. Henderson, 2nd affirmative, E. W. Morse, 1st negative, H. F. Staples, 2nd negative, A. C. Curtis. Weight of argument and merits of the question were decided in the affirmative. H. J. Fowler gave a declamation, and C. L. Brown read an essay. An extemporaneous speech was delivered by W. H. Ranney. It was voted that the next meeting should be the last one of the term. The question for the next meeting is: Resolved, that the coloring of oleomargarine to imitate butter should be prohibited by law. 1st affirmative, W. A. Brown '91, 2nd affirmative G. F. Curley '93, 1st negative, H. M. Howard '91, 2nd negative, E. J. Walker '93; declamation, C. P. Lounsbury '94; reading, F. S. Hoyt '93; essay, H. G. Stockwell '94.

PRAYER MEETING TOPICS.

March 12. Out of the Darkness into the Light, Col. 1: 12-14; Rom. 8: 1, 38, 39. H. T. Shores.
 March 15. Excuses, Mat. 22: 1-15. C. L. Brown.
 March 19. How strength is given, John 15: 1-8; II Cor. 12: 9. C. H. Barton.
 March 22. The two ways, Mat. 7: 13, 14, 24-27. E. P. Felt.

ALUMNI NOTES.

Prof. Brooks gave a lecture last Wednesday on the "Winter Course for Farmers," at the University of Vermont at Burlington.

Dr. H. J. Wheeler '83, chemist for the Rhode Island Experiment Station. Mr. Coggschall, a member of the Board of Managers of the same, and Mr. Cushman, Apiarist, visited this college recently, and expressed themselves as much pleased with

the general management of the Station here and of the college.

Prof. R. B. Moore of the Mass. Agr'l College of Amherst, gave a valuable and interesting address upon "Stock raising" Wednesday evening, before the Farmers and Mechanics Association.— *Worcester Spy*.

We quote the foregoing from the Westminster items of the above paper. Well, Robbie, you have a handle for your name haven't you?

P. M. Harwood '75, Supt. of Crystal Lake Farm, Ravenna, Ohio.

Pres. Alvord and a delegation of Trustees of the Maryland Agricultural College were here week before last.

J. E. Holt '88, of Suffield, Conn. spent March 1st at Aggie.

Col. H. Kendall '76, of Providence, was one of the judges at the prize drill Feb. 28.

H. Myrick '82, editor of the *New England Homestead*, represented his paper at the prize drill.

A. L. Miles '89 is secretary of the Rutland Farmers' Club.

Geo. B. Simonds '90 is secretary of the Ashby Grange.

T. R. Breen '87, care of Carnegie, Phipps & Co., Limited, Munhall, Pa.

ARCHERY.

From Cupid's bow an arrow flew
 And pierced the heart of a maid—
 A gallant swain the maiden knew,
 Who gladly proffered his aid.

He took the maiden's hand and said,
 "Yon may reeover from this;"
 But when in love he saw her dead,
 He stole from her a kiss.

As Cupid turned and looked again
 From his hiding-place above,
 He drew his bow and shot the swain;
 Then laughed at the "dead in love."

Ex.

THINGS ARE NOT WHAT THEY SEEM.

The day's work is over, the lessons are learned,
 The midnight oil burns low,
 And quiet reigns in Aggieville,
 As it did long years ago.

Absolute silence prevails, nothing tends to disturb the last lingering thoughts, even the fierce wind that has been driving the snow against the window-pane has ceased. I sit in my chair with elbows on the desk and meditate complacently on the important and insignificant affairs of our college life. I imagine I can see the tide of time before me, and I observe how infallibly we are all carried along in its resistless current.



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" " Wednesday delivered Saturday.

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Finally my mind wanders upon our future work. I think of them who are about to start out in life's struggle, and then my thoughts are turned to that class which I have learned to love so well, and I see that they have already commenced to choose their professions. Some are Botanists, quite a few are expert Zoologists, and quite a goodly number have determined to be chemists, but the question arose in my mind, what professions will the other part of the class pursue, and instantly the answer flashes across my mind, they will be musicians, they will work on a larger scale than is found in books. But I had nearly fallen asleep when the faithful old clock reminded me that the day was past, and I began to realize that the arms of Morpheus were silently drawing me into the immediate proximity of Dreamland, and I deemed it only fitting and proper that I should patronize my bed, where I was anticipating a well-earned rest. I soon lost consciousness and much to my discomfort I found that I was dreaming. I realized that it was a great misfortune but I was powerless, and the truth dawned upon me for the first time that I have made a mistake in eating a whole mince pie for supper. But, alas, I was conscious of everything that happened, and the furniture and the ornaments on the wall never looked more natural, and for a moment my eye rested on the splasher over the commode, which my best girl had given me, and behold the ever familiar motto was missing, and in its place the following:

"Tell me not in mournful numbers
Life is but an empty dream,
We have slept on milk and mince pie
And it did not empty seem."

And I, for once, thoroughly realized the authenticity of this motto, but I had not lain long in this hypnotized state, when I heard a faint sound. I listened, and I heard the sound of a muffled drum and the tramp of feet. What was going to happen? what were they doing? were the thoughts that flashed through my mind with wonderful rapidity. I did not have long to wait, however, for soon I heard them stop before my door and hold a short consultation. Yes, he is the man, I heard them say, and silently, one by one, the creatures entered my room and assembled around my bed, forming one of those wonderful parabolic curves that are so hard to describe. Such a sight I had never seen and I was filled with terror, for before me stood twelve of the most hideous beings imaginable, each dressed in gaudy apparel and each carrying a large musical instrument. They spoke

never a word. At the foot of the bed stood a man considerably larger than the rest, and I judged him to be their leader for in a moment he waved his hand and they all commenced to play, and such inspiring music I had never listened to. In fact, it lessened my fear, and I gained courage to glance at the title of the music, and I read, "Come and join our band." When the music ceased and the last plaintive melody had died away, the leader, with a very prepossessing air, began to address me in words that even excelled the superb utterances of our noted literary men. I cannot repeat them verbatim, but this is the substance of them. You are one of the many men of this dormitory, who are not in sympathy with those who desire to make things unpleasant for their neighbors, by practising on some musical instrument, and as this is an age of organization and co-operation, we have organized this band, and we must have the coöperation of every student, for examination time is coming and by playing continually we will greatly benefit those who desire to study. He reasoned that the united band could not visit every student, but by having the individual members scattered around in various parts of the college the desired results might be easily accomplished. As he continued I became more and more interested, and I began to scrutinize more closely their general make up, and I saw that all had wings in different stages of maturity, and then I knew they were good men, and as they played the parting selection my heart was filled with sadness, and as they filed out, one by one, I made a vow that I would do all in my power to promote their general welfare. How long a space this occupied I know not, for soon I awoke and looked around me, it was morning, the sun was just peeping over the eastern horizon, and a voice within me seemed to say, what a glorious opportunity to study before breakfast. But my thoughts had scarcely passed away, when the monotonous sound of a drum broke the silence of the morning, the trombone and the bass drum caught the influenza and added their musical accompaniment. The daily programme had commenced and my dream and the vow I had made flashed vividly across my mind, as I tried to concentrate my thoughts upon the topics of the day. I was filled with anger, and I swore in my heart that there would be eternal war between me and my adversaries, especially the mince pie and musicians, as long as I remained in Aggie.

H. E. C.

[Continued from page 83.]

that it is with extreme reluctance that I give my views on this subject, feeling that however unqualified I may be as far as the college, *per se*, is concerned to render a decision, I am too much interested in its welfare to abstain from speaking the thoughts that I believe will affect our college for the best, and assure its higher and stronger position in the world of Education in the future. I do believe in raising the standard, not of admission alone, but of everything else. The very nature and aim of this institution is to raise and advance, and build for the better, the young men of the state; to make the coming generation, abler, nobler and fitter men for this life's work than their predecessors have been, and to continue, step by step, to build the human life of all who come under their care, to the goal of perfection in Man. Practically considered, the Faculty themselves, or they and the Trustees combined must decide, whether or no the raw material on hand is good enough and plenteous enough to bear the additional threshing process, and leave a sufficient number of students qualified for admission. That is a question of "better results vs. possibly decreased revenues" (but only possibly) that they must be the arbiters of, and shoulder the responsibility of deciding. I believe the young men of to-day are better qualified to pass a higher examination than their predecessors were, say ten years ago. I believe the public schools are doing more of the work now toward preparing the students for a collegiate life than they did then. I believe the general mass of young men are more desirous of attaining a higher education, and do more to fit themselves for it than they did a decade ago. Believing this, I feel it wrong to hamper a Faculty and an institution charged with such good and much needed work with the lower and more elementary studies, which do not properly belong in its curriculum, and which absorb entirely too much time, precious time, which is needed for the close study of, and attention to the branches of the sciences for which this institution properly exists. I do not believe in mediocrity. Better have fewer graduates, but have every one of them an able and thoroughly efficient and properly educated man for his sphere, than many graduates of whom only a few attain a high position and in those cases mostly by a post-graduate course.

Advance! Advance boldly! State your position! State the facts! Raise the stand-

ard of admission! Let the young men who come to you for their learning be taught only what the institution is there to teach them, The Sciences! Let them get their school education in the schools. If they want the classics, let them go to the colleges for that work and learn it there. Stick to *your* line of work!! Make your students come prepared to take up that work, but do not waste half or an entire year in teaching elementary studies that it is not your province to teach. Of your class of colleges—you stand in the van! Keep your position now and in the future, as you have in the past, the first and best Agricultural College! To ask of a soldier of the line duties that his officers cannot perform is absurd. So here—Raise the standard! Raise your class of studies, but keep to your line of work. You will raise your students with you, and together, combined and united in the good work you are doing, you will help the world to its higher ideal, by laying many a solid stone in the grand edifice of Educational Progress and Reform.

ALFRED W. LUBLIN, '84.

ATHLETICS,

Saturday, Feb. 28th.

Broad jump — E. T. Clark '92, 1st; J. B. Hull '91, 2d.

Potato race — J. B. Hull '91, 1st; E. T. Clark '92, 2d.

MAILS.

Mail leaves college for P. O. at 1 P. M. and 7 P. M. on week days. On Sunday it leaves at 4-45 P. M. At the P. O. mails close as follows:

Boston.

7-45, 8-30, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.

New York. Western and Southern States.

7-45, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.

Northampton. Springfield and Western Massachusetts.

7-20, 10-15, 10-45 A. M.; 6-45 P. M.

Northern way. N. L. Northern.

8-30 A. M.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 1-30 to 3-30 each afternoon excepting Saturday and Sunday.

The college library will be open from 2 to 4 P. M. and from 6 to 8 P. M. each day, excepting Saturday and Sunday. On Saturday it will be open from 9 to 12 A. M. and from 2 to 4 P. M., and on Sunday from 2 to 3 P. M.

President Goodell will be at his office from 2 to 4 P. M. every afternoon except Saturday and Sunday.

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AGGIE LIFE.

VOL. I.

AMHERST, MASS., MARCH 25, 1891.

No. 12

A REFLECTION

All is silent and still when the old town clock
Strikes the midnight hour so slow,
And the moon sends its beams from a cloudless
sky
On the sleeping earth below.

As I hurry along through the entry,
My eyes glance beneath the stair,
And I see mid the gloom and the darkness
The letter-box standing there.

I remain for an instant to ponder
As the minutes quickly fly
On this time-honored object before me,
This relic of days gone by.

And I think of the hundreds of letters
Dropped into the box every day,
Letters for home and for loved ones,
Letters for lands far away.

There is often a message of gladness,
Cheering one's heart as it goes,
And again come the cries of the weary,
And tales of sorrows and woes.

When our college life here is completed,
And we are encompassed by cares,
Ah, who will think then of the letter-box,
In the entry under the stairs.

C. F. W.

THE MIND ITS OWN EDUCATOR.

There is a vague notion widely prevalent that colleges are able, by a power inherent in themselves, to fill the mind with learning; or, that knowledge is to be received inertly, like the influence of the atmosphere, by a mere residence at the place of instruction. This idea is apt to exist in the minds of many when they first enter college. But it is a sad mistake. Something in this way, doubtless, may be effected, as a person cannot pass his time, for a few years, in college, without catching something from the inspiration of the place. But, comparatively, it amounts to but little.

It is a fact, that the most elaborate and manifold methods of instruction can impart nothing of importance to a passive and inert mind.

The processes of instruction are, at best, but means and aids, of immense importance it is true, but they presuppose in the mind to which they are applied an active, self-moving co-operation. If all the means of education, which are scattered over the world, and if all the philosophers and instructors of ancient and modern times, were to be collected together, and

made to bring their combined efforts to bear upon an individual, all they could do would be to afford the *opportunity* of improvement. They could not give him a single valuable thought independent of his own exertion. Knowledge must be gained, if it is gained at all, by the strain upon one's own sinews, by the indomitable resolution of the will.

To increase the field of knowledge, this rule, as stated by Rev. C. B. Hulbert, must be followed, "Use the power you have, if you want more, use it normally; use it up to the point of bearing and not beyond." This is the law of development by use, and to deny this law is to confront a divine decree. Thus it is evident if one wishes to make the most of his college course, he must work; he must pursue his object perseveringly and remorselessly.

C. H. J.

ORIGINALITY.

Originality of thought. What is it? The word original as applied to man signifies one who has new and striking ideas; one who has the power and boldness to penetrate new lines of thought. He does not create anything, but discovers new combinations and adaptations of the existing bodies of knowledge.

The discovery of the Western World was due to the originality of an aspiring young man who, declining to accept the reasoning of others as conclusive, but thinking for himself, and acting on his convictions, accomplished a feat which today the nations of the globe unite to celebrate.

Originality is the source of invention as well as of discovery. If a man is to make the world better for his having lived in it, if it becomes his fortune to add to its capabilities and resources, it will be through his faculty of original thinking.

Whence comes the present development of the science of Mathematics but from the originality and inventive genius of such minds as those of Archimedes, Euclid, De Morgan and Todhunter. By a new combination of the elements of truth,—the square, the triangle, the hypothenuse—a new proposition in geometry is discovered. The originality consists in looking at the lines and angles in a certain new relation,

and then drawing the conclusion. And what would be the condition in the scientific field of the botanist were it not for the studies and researches of men like Tournefort, Linnæus, Darwin and Humboldt?

So in the various other departments of science—chemistry, geology, zoology, entomology and veterinary science; they have all been built up by the thoughtful earnestness and perseverance of men, who, after acquiring the known facts in their respective branches augment them little by little from the fruits of their own indefatigable labors.

And so we see the sciences occupying an important place in college courses that men may be trained to observe and reason, and go into the world to discover new facts and reveal new relations of cause and effect.

The shallow-minded man does not trouble his brain with the why and wherefore of a thing and when he wishes to impart to another the knowledge of something he has heard or read, he is obliged to confess that he failed to comprehend the idea and now he is unable to remember exactly what it was. One feels that it is a waste of time to attempt conversation with such a man and his company is not sought. On the other hand, he who absorbs facts and, pondering upon them, discusses their relations and importance in practical life, is always entertaining and eagerly consulted by those in search of truth.

Originality of thought may be cultivated by studying every subject that comes up and turning it over in the mind until some definite conclusion is reached regarding it. Whether a newspaper article, or a definition from the text book, it was not brought to your attention, as food to the little featherless open-mouthed bird to be swallowed whole regardless of its character, but rather, if worth reading at all, it should be weighed, classified, and tested as to its truth and logical significance.

Idleness is an enemy most minds have to fight, and a good weapon is some special line of thought with which to engage the attention. The mind of the original man is ever active and on the alert for new relations, and always has something novel and interesting to offer. He whose originality does most for the world's progress

is an intense thinker. It is said that Daniel Webster sometimes thought with so much rapidity and earnestness over his powerful arguments that his forehead became as cold as marble.

Great things have been accomplished by this art of making new arrangements and combinations, and reasoning into new fields. The apple falls upon your head in vain unless thought grapples with the facts and makes them tell the story of terrestrial gravitation. One generation takes up the work where the preceding one left off. Our present civilization is but the result of the advance made by original thinkers gone before. One original step leads to another. A Grecian shepherd drew a string over a hollow box and striking it, produced a tone. A Roman thinker improved upon the shape of the box and adding another string, named the instrument a cithara. A Spaniard changed it to a guitar; a Frenchman to a spinnet; an Italian to a harpsichord; then as the result of a German's originality, we have the piano. Who shall say what shall come next?

"And step by step, since time began,
We see the steady gain of man."

Whatever the vocation in life there undoubtedly remains much in the way of development that still awaits the hand and brain of original thinkers; there are yet myriads of questions to be settled, causes to be discovered, notions to be exploded, and victories to be won ere we can have any idea of perfection.

W. A. B.

A BOOK.

"Of the making of books there is no end." One realizes the truth of this quotation as he sees a newspaper item stating that in 1890 there were 4,559 new books published in or imported into the United States.

Of this great number 3,180 were new books, the rest new editions and importations. Did you ever think of the amount of labor necessary to make one book, to say nothing of this vast number? Probably our *Index* editors can appreciate this if no one else can.

To make even a third-class book a man must have a thorough knowledge of the English language, of the rules of rhetoric and besides this a special knowledge of the subject on which he is writing.

It takes time, labor, and money for the accumulation of material, time and labor for the writing the first draft, and then

there is the labor of finishing, correcting and polishing off.

It would seem that the author's labor was now done, but he still has to find a publisher, a hard undertaking for a young writer especially, and perhaps he has to read the proof. Besides this there is the anxiety as to how the public will receive his work. So much for the author.

Leaving the work of making the paper, ink, type and presses out of consideration we come to the compositors' labor. Any one who has frequented printing offices knows what a comparatively slow job that is. After the proof is read and the necessary corrections have been made there is the labor of making up the book, that is, arranging the matter so that the pages shall come in properly. Then the great press is set to work, some times after stereotype plates have been cast, sometimes with simple type. After this comes the folding, binding and cutting of the book before it is placed on the market. If there are illustrations, they have to be designed, drawn, and engraved at a great expense.

Thus we see that the production of a book demands the united efforts of many men for a long time. The statistics of the labor necessary for the manufacture of the literature of the world for a year would be interesting.

But to return to our newspaper item. We find that of the 3,180 new books nine hundred and thirty-five were works of fiction. It would be safe to say that nearly one-half of these were utterly useless, except to kill time. Of the remaining five hundred probably less than fifty will be known a century hence.

But these books are here and are an index of the character and tastes of our people. Although it is not a good plan to read new literature exclusively or even to read much of it, still we should try to read some of the best of the recent publications in order to know the present age and the subjects that interest the people. It is coming to be a fashion to write novels for the purpose of discussing the problems of the day.

Of the other than fictitious works, as a general rule the latest are the best, especially in scientific books. Of course many of our older histories, biographies, books of travel, etc., will never be surpassed but on the whole the average work of each year is better than that of the preceding. Of the whole number of books published in a year no man can read a tithe or scarce a hundredth. In what we do read therefore

we should take great care to get only the best and that which will be a benefit to us in years to come.

F. L. G.

STUDENT AIDS.

There is probably no student here at Aggie who does not desire to stand well in his class, and who does not wish to derive all the benefit possible during his college course. Therefore we are always on the lookout for anything that will aid us in our work. We do not always take advantage of these helps, but to a certain extent we make use of whatever we think will help us. If a student thinks that hard study will aid him, he studies hard, or at least makes an attempt at it. If he thinks that by taking an active part in athletic sports he will improve in health so as to be able to bear the strain of excessive brain work, he acts accordingly. And so on down the list even to "cribbing." If he thinks that "cribbing" is going to help him, he "cribs."

Now there are some helps for us which many fail to realize the importance of, and so fail to reap the benefit which might be gathered from them. If a student knows of any of these helps, he should tell other students about them, hence the object of this article. There has been one thing which has been a great help to the writer since he came to Aggie, and it is one of those helps which some of the students do not take advantage of. I refer to the Bible study every Sunday morning at 9-15, under the direction of Prof. Mills. The attendance is not as large as it should be but I think that those who do attend are well repaid, and so every student in college would be, whether a Christian, or not, as Prof. Mills draws out the points in the lessons so that we can apply them practically to our work here in college.

Perhaps some will say that they cannot spare the time; that Sunday is a short day, and they must use what little time they have in writing letters, reading, or—in studying lessons assigned for Monday. Most of those who do attend can testify that it is time well spent, and that Monday morning they can go to their studies with a more cheerful spirit and with a stronger determination to do their best than if that hour had been spent in studying the week-day lessons, and consequently they are able to make more progress than they otherwise would. So much for looking at it as a help for a higher standing in our classes. But we have come here for a far greater object than to stand well in our classes; we

have come here in order to acquire knowledge, both practical and theoretical, so that we may, as fully as possible, be prepared for the work which lies before us when we leave Aggie College. In order to prepare for that work, no one will say that we can afford to neglect our moral training. Where can we better obtain that training than by studying the Bible, with Prof. Mills to assist us?

To those who think that they can do better than to employ their time in attending these Bible studies, I will say that there are a number of us who would be much obliged for information as to how you employ it, that we may take advantage of it and employ our time more profitably than we now do, if such a thing is possible. But if you think that you cannot do better, we cordially invite you to be present with us hereafter every Sunday morning whenever possible.

E. W. M.

COMMENCEMENT.

In the course of a morning spent in poring over pages devoted to the early history of our college, we found a program of a prize contest, in original orations, by members of the Junior class, held during the year 1871, the year when the "pioneer class" of this institution graduated. By whom this prize was offered and why competition in rendering original theses was discontinued we do not know, nor can we conceive of any reason why a practice that would give incentive to excellence in so useful a department of education should be abolished.

We have, every year, it is true, public contests in declamation, but these are merely elocutionary, consisting of rendering the productions of others, and necessitating no original thought and comparatively little mental endeavor. Again, we have considerable practice in expressing our thoughts in writing, but the only inducements to become good writers held out to men before the Senior year are editorships on the *Index* and *LIFE* boards. Now while positions on these staffs are in every way desirable and are being earnestly sought after, they entail too much work after they have been attained to incite very many of the fellows to their highest endeavors in order to become editors. The honor exacts payment in advance, as one may say, and a rental as it goes along.

In the Senior year there begins to be some competition and Commencement parts are held up as the end in view, but is it prob-

able that in the fourth year the student will become proficient in that which he considered a necessary evil in the three years previous? If he be ambitious he keeps to the work as best he may, but as the time for entering on the labors incident to writing his graduation thesis draws near he begins to wish that his literary instruction had been more thorough. Nor does the trouble end when the essay is complete. It is far easier to deliver the product of some other man's pen than of one's own. One's own thoughts sound insipid and lifeless when put into words, and this insipidity only wears away with *continuous* practice, not of one such writing, but of many. But as far as our regular college duties are concerned Commencement Day is the first appearance in public of our student to deliver an original thesis.

What is needed to elevate our literary standard is some emolument to animate the lower classes to higher effort in this line. Our Faculty are doing all that they can for us under the circumstances, but a prize for excellence in combined writing and speaking would have a most telling effect. Here is a chance for some patriotic Alumnus.

The Seniors have already enough to do, and as the Kendall Prize Speaking terminates the year for both lower classes a prize could be most appropriately offered to the Junior class, for in the Junior year the interest in these branches is at the lowest ebb, and any thing that will kindle this interest anew will be of incalculable value in the Senior year.

A. G. E.

COLLEGE ORGANIZATIONS.

One of the characteristics of the people of the nineteenth century is their love of organization. The truth of this statement is evident to every practical observer of the present condition of society throughout the world. Everywhere is the power of organization felt and heard, both in civilized and uncivilized countries. Every trade and occupation, every stage of social or political life, the strong and weak, the rich and poor, the good and bad, each has its own peculiar organizations by which it advances its own interests. It is a recognized fact that many things which a number of men are unable to accomplish by their individual efforts, they may accomplish by combining their energies and acting as a single body for a single cause.

Whether or not the world would be better off without organizations is a question that may be disputed. There probably was a time, long before the age of history, when every man lived for himself, and depended on his own individual efforts for his subsistence, but such a state of affairs can never again exist, unless there should be a radical change in the present laws governing society.

That organization has done much good, there is no doubt. That it has also done much harm is not to be disputed. The present condition of Ireland and of Russia gives good examples of the power of political organization. Headed by the ablest men of society, supported by the earnings of thousands of dependents, these organizations, created for the express purpose of antagonizing each other, often conflict which causes a great loss of time, extensive destruction of property, and not infrequently sad loss of life.

But by no means is organization confined to politics alone. Look at the struggles between labor and capital; have we not a similar condition of affairs? Nor is organization confined to the business world alone; have we not, scattered all over the land, societies and clubs whose sole object is the further instruction of its members in literature, art, or the sciences? Truly can we say that the coming century will be an era of organizations throughout the whole civilized world, and that it will rest upon the leaders, whether or not the human race will thereby be benefited.

In the college world the power of organization is felt no less than in public life. Upon his entrance to college the student is called upon to examine into the merits of a large number of clubs and societies, each with its particular object. He must decide first, whether or not it would be advisable for him to connect himself at all with any such body; and, secondly, if so, which would be most profitable for him to select. In answering these questions he should clearly realize that the men who will be called upon to govern the organizations of the twentieth century are now students in our colleges, and that the man who will successfully lead his fellow citizens will be the man who has had the most experience in that direction during his college course—the man who has learned how to mingle with his fellows, who has the sympathy and insight to seize upon the new ideas which have within them the power to move the world to action; this is the man that will lead.

C. F. W.

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WHEN commenting on the prize drill, in last issue, one matter in connection with it so absorbed our attention that the performance of the college band that evening was overlooked. We hope the members of that organization will excuse us. The band was certainly a feature of the evening. It was its first appearance in public and it acquitted itself with honor to its members and the college. It was too bad that the piccolo was left behind, however, for Putnam's performance on that was missed by all who have heard the band practice.

A WORD to contributors may not be out of place, and may make it easier for the editor and the printer. In the first place, when you write an article, choose a subject you know something about and then write. Next read your article carefully and correct all mistakes, then look it over and see what it means, and if it cannot be stated in a more clear, concise manner, copy it *plainly* on good paper, writing on one side only, and hand it to the editor at least one week before you expect to see it in print. Every man should go through the foregoing process, at least, twice a term. If your articles are not printed, keep at it until you can produce such articles as the editor will be glad to accept. Very few men are born writers. A genius is usually one of the hardest working men on the face of the earth. If you would succeed as a writer, do not be afraid of hard work.

THROUGH the exertions of Pres. Goodell an arrangement has been made which will enable us to have access to the Amherst College library. This is a library more than four times the size of our own, and rich in volumes on literature and the fine arts, branches in which our own is lamentably deficient. Access to this collection cannot fail to be of great value to those desiring to pay particular attention to literature. Amherst students will be allowed to draw

books from our library on the same terms that we are subject to in drawing from theirs. Our library, though deficient in the arts, is peculiarly rich in the sciences and especially in chemistry, so the advantage will not be wholly one-sided. We are indebted to President Gates for the liberal and progressive spirit which he has shown in the matter, and with President Goodell he should share the gratitude of the students of both institutions.

THE vacation is now at hand, and it remains for us to decide how we shall use it. Some of the more needy ones will, perhaps, from force of circumstances, improve their time in working, thus earning something for a start on the coming term. More of us will undoubtedly consider it a proper and convenient time to work up on some subjects which we neglected during the term. But the old adage bidding us "let the dust settle on the books in vacation," seems to me to be advice which ought to demand our attention.

After three months of persistent research the mind is really in need of rest, the body is more or less fagged out and the whole system demands repose. If we do not take advantage of the opportunities offered for this purpose, then these demands will be useless and a wearing on the constitution will be the result. While some may be strong enough to stand the strain of ceaseless labor the whole year, the majority of us would break down under the strain.

So if you have due respect for your health you will go home this vacation, have a good joyful rest, and come back the first day of the term feeling refreshed and ready to enter upon the assigned duties with redoubled vigor.

NEXT term the paper passes into new hands, and as the old board retires it gladly resigns the editorial chair to others, yet, while AGGIE LIFE has demanded time from other things and kept her editors very busy, still they learned to love the work, and it is with a tinge of sadness that they give way to others. The retiring editors wish to thank the students for the honor conferred upon them as the first board of editors, and not only for the honor, but for the hearty support received from all. While the board has made many mistakes, still the students have ever stood by their paper. The new board of editors will do their duty, but they must have the support of the whole college, in order to reach the highest success. The failures of

the retiring board should be carefully considered and avoided in the future. But even the new board of editors cannot write the whole paper, and in fact they should hardly be expected to do any writing, as there is work enough for them aside from writing articles, the news column, the editorial page and the proof reading properly belongs to them, and this is much less satisfactory work than the production of articles. Next term is a short one; the weeks will fly, but let every student determine to hand in at least two articles during the term. A number of men should prepare articles this vacation and have them ready for the first issue. Again, though the honor of being an editor of a college publication should stimulate a man to his best efforts, remember that no man is perfect, and flavor your criticism with consideration.

It has lately come to be a custom in some colleges for members of the Faculty to give short talks on topics of the day, after chapel before the classes go to recitations. This custom has a good effect in many ways. The ordinary topics of every day interest are presented to the students in a manner which is calculated to arouse their interest and set them to thinking for themselves. They are in this way led to read the papers and keep well informed on matters of daily interest. This, of itself, is no small thing, for we see many students who, immersed in study, read nothing but text books and are woefully ignorant of even the most important events which are taking place from day to day. It may be objected that time would be required for this which should be given to study and recitation, but once or twice a week would make but little difference in the long run. The time might easily be made up by a little increase in the speed of the lectures, and even if it were wholly lost the good received would more than compensate for the harm done in this way. We see with what enthusiasm the occasional communications directly concerning the college are received by the students, and it seems probable that the same interest would be manifested in the case of the talks referred to. The aim of the college should be not to graduate specialists, but well informed and intellectually symmetrical men. It seems to us that short lectures, such as we have spoken of, would aid materially to bring about such a result and we hope that the Faculty will give the matter their careful consideration.

GLEANINGS.

ATHLETICS FOR THE TERM.

One-half Mile Run:

1st, Clark '92; time 2 min. 32 sec.

2nd,

Running High Jump:

1st, Sanford '94.

2nd, Taylor '92,

Mile Walk:

1st, Paige '91; 8 min. 45 sec.

2nd, Legate '91; 8 min. 55 sec.

High Kick:

1st, Hull '91; 8 ft. 11 in.

2nd, Crane '92; 8 ft. 10 in.

Standing Broad Jump:

1st, Clark '92; 9 ft. 6 in.

2nd, Hull '91; 8 ft. 11 in.

Potato Race:

1st, Hull '91.

2nd, Clark '92.

Horizontal Bar:

1st, Tinoeo '93.

2nd, Perry '93.

Quarter Mile Run:

1st, Hull '91; 1 min. 11 sec.

2nd, Fletcher '92; 1 min. 13 sec.

Running and Flying Rings:

1st, Davis '93.

2nd, Bartlett '93.

Quarter Mile Walk:

1st, Paige '91; 1 min. 51 sec.

2nd, Crane '92; 1 min. 53 sec.

Points Won by Classes:

Seniors, 19; Juniors, 18; Sophomores, 10, Freshmen, 3.

This applies now:

Of all sad words ever spoken or writ,
The saddest of these is "please remit."

Next term begins Tuesday, April 7th.

Private Plumb has been transferred to Co. A.

Those corn cribs are rather small. Pop corn is cheap.

The next issue of this paper will be published April 15th.

Boardman, '94, is just recovering from an attack of tonsillitis.

Hawkes, '93, and Henderson, '93, will be missed in the choir.

There is some talk of reducing the Battalion to three companies.

Mar. 16. '94 had its class pictures taken. Kenfield took the contract.

The ice has rapidly disappeared from the campus in the last few days.

Melendy, '93, will carry the mail next term. Sawyer, '91, is his substitute.

March 10th. J. D. W. French lectured on Ayrshire cattle before the Seniors.

Bicycles are once more seen on the sidewalks. This certainly looks like spring.

March 19. W. Fletcher, '92, crushed the fingers of his right hand quite severely in a door.

Carpenter, Parke and Parker are recovering from the colds that are so prevalent just now.

Curtis, '94, now rooms at the Plant-house, and is running the Plant-house fires in place of Thomson, '92.

The speeches of Pres't Goodell have been an important feature at several recent Williston alumni meetings.

March 13th. '91 inspects the meteorological observatory. There is certainly a fine lot of instruments there.

H. E. Crane, '92, was obliged to return to his home last Thursday, having had another attack of ulcerated sore throat.

Prof. Warner moved out of his house last Wednesday. Members of the D. G. K. fraternity are now moving into it.

Mar. 13. R. B. Moore gave a lecture at the Experiment Station to some of the students. His subject was "Milk Analysis."

Sedgwick, '93, has been at home the past week. He will be here next term, having refused the position offered by the gypsy moth commission.

Rev. J. P. Harvey of Ware exchanged with Dr. Walker last Sunday. His text was Mark 11: 9, from which he preached a good, practical sermon.

In Germany they have schools where girls and young women are trained for dairy and farm housework. Travelling teachers of husbandry are in demand. Agricultural schools held evenings during the winter are well attended.

Previous to the debate, a declamation was given by H. G. Stockwell, '94, a reading by F. S. Hoyt, '93, and an essay by C. P. Lounsbury, all of which were especially deserving of commendation.

The new Board of editors for AGGIE LIFE chosen by the Seniors of the present Board are as follows: '92—H. E. Crane, R. H. Smith, G. E. Taylor, G. B. Willard; '93—G. F. Curley, B. Sedgwick; '94—C. F. Walker.

March 24, '93 elected its officers for the coming term. They are as follows: president, F. S. Hoyt; vice-president, C. A. Goodrich; secretary and treasurer, F. A. Smith; class captain, E. H. Lehnert; baseball captain, G. F. Curley.

The following men are at work in Medford, trying to exterminate the Gypsy Moth: '92, J. B. Knight, F. G. Stockbridge, H. M. Thomson; '93, J. Baker, A. E. Hawkes, F. H. Henderson; '94, F. L. Green, I. C. Green, C. P. Lounsbury.

The N. H. Agricultural College will probably be removed from Hanover to Durham, shortly. Agricultural education should stand on its own merits and be purely agricultural, and not be made an inferior branch of some other institution.

March 16. A large number of the students listened to the words of President Gates of Amherst College as he delivered his lecture at the Town Hall. He showed himself to be very easy and interesting in speech as well as pleasing and graceful in manner.

After three sittings the Court Martial found Corporal Plumb guilty, through lack of interest, of causing disorder in Company D at the Competitive Drill held Feb. 28th in College Hall. At Dress Parade last Friday his sentence was published. He is reduced to the ranks and will remain in that grade while a student in this institution.

Marriage: March 17th. Six of his fraternity brethren and former classmates attended the wedding of Allan M. Belden and Miss Rose Higgins at Northampton. H. T. Shores officiated as best man. The ceremony passed off smoothly and all reported a pleasant time. The couple will live in Springfield, where Mr. Belden has gone into the milk business.

March 10th. The Natural History Society had a very interesting meeting. W. W. Gay, '91, read an essay on the life of Louis Agassiz. The topic under consideration was "Preparation for Spring Work." E. P. Felt, '91, gave a few hints to the entomologists. I. C. Green, '94, spoke a few words about collecting birds. This was followed by a general discussion.

March 13. The W. I. L. S. held its last meeting for the term. The question was: Resolved, that the coloring of oleomargarine in imitation of butter should be prohibited by law. The debate was opened in the affirmative by Mr. Ruggles '91, and in the negative by H. M. Howard '91, closed in the affirmative by G. F. Curley, '93; in the negative by E. J. Walker, '93. This question being particularly interesting to so many, was discussed in a lively manner. Weight of argument was decided in the affirmative, the merits of the question in the negative.

Owing to the sickness of several men, base-ball practice for the last week has been somewhat less than might be desired. To have good results next term it will be necessary for the team to work hard, and work as a team entirely obeying the captain. We should at least expect as many victories as we had last year, and our ambition ought not stop here. We certainly have as good material as we had last spring.

March 21st the M. A. C. Boarding Club held its regular meeting for the election of the officers for next term. The following men were elected to membership: E. H. Alderman, A. J. Morse, R. E. Smith, C. H. Spaulding, E. D. White, all '94 men. The following are the officers for next term. W. H. Ranney '93, 1st Director and Business Manager; H. M. Howard '91, 2d Director and Vice President; M. Ruggles '91, 3d Director, Secretary and Treasurer; B. Sedgwick '93, 4th Director, F. I. Parker '94, 5th Director. Price of board for the term \$2.45 per week.

The manager of the ball nine wishes every student to return after the vacation with a full pocket-book. The subscription paper will be circulated at the beginning of next term and every one should subscribe as liberally as possible. For the last two or three years the ball team has not been properly supported, looking at it from a financial standpoint. It has been difficult to raise the small sum of \$200, and \$75 of that is subscribed by the faculty and graduates. This makes an average of only one dollar for each student. The average at Dartmouth, as published in their college paper, is about \$4.20. We do not expect the students here to subscribe as liberally as at Dartmouth, but we should be able at least to raise \$300.

In order to play the usual number of games and meet expenses, we must have more money and it is to be hoped that the students will not shun the subscription paper this spring, as has been the case for the last few years.

G. B. W.

COLLEGE NOTES.

Commencement at Amherst College June 25. The inauguration of Pres. Gates June 24.

Brown University has voted to form a base-ball league with Trinity and Wesleyan.

The Amherst base-ball team has been invited to play at West Point during Commencement week.

Three laboratories, chemical, physical and biological, will be built at Williams College by F. F. Thompson of N. Y., at a cost of about \$100,000 each.

Edward Conant bequeathed \$100,000 to Harvard.

New Haven papers demand the whole of the Morrill grant fund for the Agricultural College. The farmer will have his rights.

Grants and allowances from 1860 to 1890:

Institute of Technology,	\$661,673.36
Mass. Agricultural College,	667,012.56
Mass. Agr'l Col. Scholarships,	80,000.00
Agr'l Exp. Station,	99,250
Museum of Zoology,	355,707.67
Williams,	100,000
Tufts,	50,000
Wesleyan,	47,298.04
Mt. Holyoke College and Sem.,	40,000
Amherst,	27,000

ALUMNI.

G. B. Simonds, '90, is a selectman, overseer of the poor and assessor of Ashby.

F. W. Mossman, '90, gave an address before the Farmers and Mechanics Association of Westminster on "What crops to grow."

Edward N. Dyer, '72, died at Holliston, March 17, of Bright's disease.

Truman P. Felton, '90, Supt. of farm at Sandwich.

Y. M. C. A. PRAYER MEETINGS.

- Apr. 9—Consecration. Ex. 32: 29 and Rom. 12: 1, 2. B. Sedgwick.
 Apr. 12—The Atonement. Rom. 5: 1-13, 18-21. F. S. Hoyt.
 Apr. 16—The Faithful Few. Judges 7: 1-25. C. A. Smith.
 Apr. 19—Cheerfulness. Prov. 17: 22. Stockwell.

MANY YEARS HENCE.

[From the *Daily Bulbul*.]

Our readers will be pleased to hear of the arrival in Cairo of our illustrious fellow countrymen Shaym Fased and Buhl Hedded and their party of explorers. These hardy adventurers set out more than two twelve-months ago to explore that vast country over the sea, once inhabited by a strange race called Americans. Our joy at their safe return is none the less that it was feared that the sea had swallowed them up, that the plague that depopulated that land had seized upon them, or that some chance survivors of the denizens of the country had fallen upon them and slain



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them. Perhaps our readers will be interested in an incident of their travel as described in an extract from a letter from Fased to his friend Fuzzi Heysede.

"Thou, O Heysede, art much versed in ancient lore and have sate at the feet of our wise men, and thou must needs have heard much concerning these Americans and knowest what credence to attach to tales of their prowess.

It was once a mighty land, if we may judge by the ruins of its cities, but why O Fuzzi, did these people, with so much land at their disposal, persist in piling their dwellings up till from their tops one could almost reach out and pluck the stars? No wonder that a pestilence made their memory to perish like a path in the sands of the desert.

The city in whose deserted harbor we cast anchor was one of the oldest. Buhl Hedded, who had learned much of lore and had read books concerning these people said it was called Boaston or Boasting and sometimes Hhubb, the former presumably because the people were so fond of boasting of their tribal prowess, but the name Hhubb is inexplicable.

Many a time did we find, now in a city, now in a ruined village, a field at either end of which was a framework of wood much resembling a gibbet. Sometimes additional was a space, in shape like a diamond of the Desert, with on the corners and sides and in the center, places much worn, as if men had stood there continuously. These fields much mystified us. Sometimes they stood alone, sometimes in the neighborhood of ruins of once costly buildings of stones and tiles. Hedded, by his superior knowledge, said that these buildings were what remained of those places where the youth of the nation were sent to sit at the feet of wise men, to pore over volumes of written lore and become scholars.

In a ruinous structure in one of these old places of learning did we find that which threw much light on the question which we had asked ourselves, as to what these fields with their gibbets and peculiar markings were. It was in an apartment apparently once occupied by some scholar of taste and wealth, that we found on the crumbling walls tablets, many of which we had found in other places, bearing representations of persons and landscapes, but here were two which attracted our attention especially. They hung on opposite sides of the apartment. In the one was represented a field at either end of which

was one of those gibbet-like structures, while in the midst of the field was portrayed a group of struggling men. Their faces seemed to indicate that they were animated by some fierce emotion, while that of a man on the ground, held down by the rest, was the embodiment of despair and chagrin. It then burst upon me that this man had perpetrated some horrid crime, had fled, been pursued, overtaken, and was about to expiate his fault on one of these gibbets. But how wicked, O my Heysede, must have been these people, when in the midst of places of wisdom and learning it was necessary to have, not one, but two such awful structures.

On the other tablet was represented one of these diamond shaped markings which we had seen on some of the fields. On the worn spaces and outside the figure stood men in various attitudes. In the center stood a man with arm upraised as if to hurl a missile at one of his fellows who was standing at one of the corners holding athwart his body a club. Behind the latter worthily stood, or rather stooped, one wearing a peculiar helmet which covered only the face. His hands were uplifted as if in supplication. I was at a loss to interpret this, but Buhl Hedded, ever fertile of imagination, said that it could be only a sacrificial scene, that the wretch with face covered by the helmet was probably the victim, to be beaten to death with the club when the high priest in the center should give the signal by throwing the missile.

The setting sun, O Fuzzi, warns me to draw my epistle to a close. Perchance at some no distant day I will relate to thee further tales of what we encountered across the sea, but ponder well on what I have told thee. The scenes portrayed on those two tablets left a deep impression on me.

Believe me thine till Nile shall cease to flow.

FASED.

A. G. E.

TRIALS OF AN EDITOR.

When a fellow gets elevated to the position of an editor of his college paper, he is apt to feel pretty big. He sees a brilliant future now opening up before him. Very likely he thinks that in the past he has not been recognized, as he ought to have been, as the most brilliant fellow in his class, but finally his chance had come to show the fellows that he is somebody. Let them just wait until they see some of his writings in print, and then he will get the credit which he deserves and of which he has been so long deprived. Why, he would send in such material as would boom the paper up

so that the subscription list would be more than doubled before two numbers were issued. He would reserve the next Tuesday evening, the night before the paper went to press, for writing up a few thoughts. He would write a four column article on some leading topic of interest; he would just scratch off three or four editorials on matters calling for reformation, so that the old college would shake to the very foundation; and, if he felt like it, he might add a contribution to the poetic department in the shape of a poem rivalling those of Tennyson or Longfellow. O, he would fix them! He would show the fellows that he was nobody's fool.

Tuesday comes, and he hurries his studying along so that he can have the evening to devote to his work as an editor. Evening comes, and at about seven o'clock he is ready for work. He would write off the four column article first, then the editorials and later the poem. The first thing to do is to think of a topic. What shall he write about? Shall he discuss Reciprocity? A good topic, but hardly suited for a college paper. No, he would not take that. He scratches his head. He tries to think. The evening passes on. Shall he take the College Farm? but that is already written to death. Perhaps he might write on Co-ed.—one, two, three—eleven o'clock and nothing done yet. Well, he would put this off for a little and tackle the editorials for they must be written up in good shape, anyway. Here again, what shall he write about? He might rebuke the authorities for the undesirable weather of the past week, but that would probably do little good. Or he might suggest improvements upon the manner of ringing the college bell, but that is rung to perfection now.

At last, about one o'clock, tired, crushed in spirit, dreams of fame all gone, he climbs up the back stairs to bed, having ready for the paper a composition written Freshman year, entitled "Value of a Scientific Education to the Farmer"; a short editorial, soliciting contributions of material for the paper; and a poem, "Dreams of Love," taken from a magazine published five or six years before. Among his other prayers, that night, he puts up one for all editors, past, present and future.

If you are seeking a place on the Board of editors, we would not discourage you. Nay, we would encourage you, for if you were meant for an editor you will find it out, and if you were not meant for one you will also find it out, which will be worth something to you.

J.

PROOF READING.

Even the hardest work has some redeeming feature and proof reading is no exception to this rule; that it is hard work, no one of experience will deny.

In nature we find that the most showy flowers have little odor while the small inconspicuous blossoms often have the sweetest smell, and, what is more, this law applies not only to flowers but also to man and his occupations.

The previously stated law applies to a certain extent to the proof reader, who is the man that is required to apply himself closely to his work, and, as if in compensation for this rigid application, he is the man who reads many jokes, unwittingly made by the compositor; sometimes these jokes are good enough to give to the public, but many of them can only be appreciated when read first hand, and, therefore, it is only occasionally that we read a list of humorous typographical errors; the most of them belong to the proof reader, and no man can wrest this pleasure from him.

Then if more recreation is desired, the proof-reader has simply to pause a moment and laugh at his fellow laborer as he struggles wildly with misplaced letters and uses forcible, if not elegant, language about compositors in general, and the one in particular, who "set up" the article he is now reading. Of course, if he has no companion the latter pleasure is impossible. The type seems to have a special adaptation for the wrong place, and ever since the invention of printing, typographical errors have enjoyed a well earned notoriety. If printing had been known at the beginning of time, the pig would have been long outstripped as the type of obstinacy by type itself, and even with the longer record on his side, the pig is fast being overhauled by type.

At the present time men have learned through sad experience not to trust type. Editors have adopted proof reading as a means of self-protection from indignant writers; they have found that arguments were of little value in the presence of an excited author, whose feelings had been aroused to their highest pitch, by some shocking typographical error.

Though the work is hard they try to look on the bright side of life and enjoy it while they can. If you suffer from a typographical error, blame, not the editor or compositor, but that soulless type.

E. P. F.

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AGGIE LIFE



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AGGIE LIFE.

VOL. I.

AMHERST, MASS., APRIL 15, 1891.

No. 13

LEARNING TO WRITE.

The art of learning how to write a literary production that will reflect some credit, at least, upon the writer, is an accomplishment which every student should do all in his power to procure. To be able to express one's thoughts in language which will give them the sense and beauty that is produced in the writer's own mind, is an art which will always repay the student ten fold for the time he may give for its acquirement even though it be but partially obtained.

The young student, often wretchedly deficient in any such branch, has his failing forcibly brought to his mind by the rhetorical requirements of his college course. His success in his new study depends on several important points, all equally essential for the production of a literary work however slight may be its pretensions.

Upon the style that characterizes an author's writing does the literary ability of the writer largely depend. Too much stress cannot be laid upon the importance of acquiring a good style. This art of a pleasing manner of expression is, however, by no means easily obtained. Few have it as a natural gift. To the great majority it must be drawn out of the person himself and this can only be done by the most applied study and practice. It is that element of writing which cannot be imitated, that mode of expression which is alike in no two persons, that a young writer should draw into his composition in such a manner as to give it a distinguishing and characteristic effect. A great deal depends upon the manner and carefulness with which this should be done so that the writer may obtain a pleasing style of composition.

The systematizing of the thoughts in such a manner as to give clear expression proves a stumbling block over which all too many would-be-writers fall. Possessed as one is of a multitude of thoughts and facts, each one perhaps well developed in the mind and ably constructed, the question comes as to how these products of the mind are to be arranged as to make a readable article. This too in its details must be learned by the writer. One of the best ways to get ideas of systematizing is by the reading of other books. Digest

the work of some good standard author, word by word, sentence by sentence, until the manner of construction has become perfectly familiar, and the mind has a clear perception of the way in which the fragments of original thought are moulded into the complete expression.

Preference of words is another foundation upon which the writer must build his literary work. This is an accomplishment in itself and can only be obtained by strict application to study. It is said of Choate that he always knew the right word to use in the right place. The word which would give the sentence the exact sense wanted always seemed to be in his power to use. He had a peculiar natural power of discerning between synonyms in such a manner as to use every word in its own particular sense. In the common writer an approach even to such a power can only be gained by great patience and increasing practice. Some of our greatest English writers have spent hours in the rendering of a single word and have been well repaid if, after days of concentrated study, the sentence at last reached the perfection desired for it by the writer.

Another element to be taken into consideration when a person is learning to write, and one especially essential to young aspirants, is that of giving plenty of time to the preparation of the production. It was no credit to that college Senior of whom it was said that he wrote his commencement thesis in one evening. Such haste and neglect is unexcusable. Everyone, no matter how poor a writer, can at least give time to the preparation of his composition. A hastily written production is worse than none at all. Give the written production time and thought in every particular. Especially to writers who have not the faculty of easily placing their thoughts on paper is this of great importance.

A literary production of any pretensions at all will always show the labor spent on it even though it may have no especial merit. Let the writing taste of hard brain work. This every writer can give to his work, while every such carefully written essay is an improvement on the one before as well as strengthening the writer's mind for future work.

Often a student says as he attempts to begin one of the numerous compositions required of him that he has no ability to write and there is no use in his trying to improve in that line of work. But out of apparent nothing something does come oftentimes, and, when this something has been developed and worked out, it may prove to be the person's fortune.

R. H. S.

HINTS TO SENIORS.

Every Senior must have commenced his thesis by this time, but a few suggestions as to its treatment may not come amiss. The subject, whether a happy selection or not, is your own selection and should be one in which you are interested and on which you can write without fear and trembling. The rule for this year seems to be to choose an economic or political subject or choose none. It might be better for more to write on subjects more closely connected with the course of study. As it now is very few write on subjects that even suggest the course of study which they have just completed. Do not slight this first, last, and only chance you will have to graduate as an honor man. Write something that can be easily delivered and of so spirited a nature that your audience, on that warm June morning, will not go to sleep, during the few minutes that you occupy the platform. Treat your subject as comprehensively as possible and yet do not try to settle any great problem of the day. Remember that you are but a young man and have not seen so much of this world as the wiseacres before whom you are to speak. Keep your own judgment in abeyance, and do not settle once for all any question in finance, religion or affairs in general. Try to treat the theme in a practical matter-of-fact style which can be easily comprehended. A plain demonstration which the audience can understand will be far more appreciated than any dazzling rhetoric. Do not write anything just to fill up, nor should you feel it necessary to exhaust the subject.

Let industry and cheerfulness mark the remainder of your stay at Aggie. Let no unkind deed or rash act mar the pleasure of these few weeks. Make the most you possibly can of the remainder of this term

so that you may merit the plaudit, "Well done good and faithful student, enter ye into your festivities."

It would not be a bad idea to get those herbariums into order so that they may be properly exhibited. There ought to be more competition in that line of work so that one man cannot carry off the prize for best herbarium without outdoing an opponent.

It seems that there will be little time to review in agriculture in the lecture room this term. It would be a good thing to look over all those notes and get the nuggets brightened up again so that they will shine at the prize examination in June.

A THOUGHT.

Alone in the dusk at my window,
When the evening sun was low,
I watched how the wild wind wantonly
Blew the dead leaves to and fro.

All the tints of the earth had faded
To one cold and cheerless gray,
And this seemed a fit, dark ending
For a dull, unhappy day.

My thoughts took the same sad tinting,
Of the scene I looked upon,
And I called my school-days weary ones,
And almost wished them gone.

I thought of the tasks unfinished,
The vain day left behind,
And the deeds that should have been there
I sought, but could not find.

When, through the frame of my window,
Across the darkening sky,
I saw a flock of little clouds
Sedately floating by.

At first they were gray and sombre,
Then over them were passed,
Softly, and very slowly,—
But to me it seemed all too fast,—

Two with the color of rose leaves—
Struck by the sun's last rays,
And I said to myself—they are symbols
Of these bright college days.

They glide with their slow, sure fleetness
From days, into months and years,
And are gone from us forever:
So why, with foolish tears,

Do I mourn because a few gray tints,
Are mingled with the rose,
That a few of my days are stormy
And the wind to roughly blows.

When the gray clouds had floated onward
And faded from my sight,
On the dark back-ground of the heavens
These others glowed, cheerily bright.

Thus, when from my mind have faded
All the days which gave me pain,
The bright and happy ones only
As memories shall remain.

Then let us think of the glad days
They are long and they pace but slow—
Of the dark ones—though not swiftly.
Yet steadily past they go.

Swarthmore Phœnix.

SPECIAL STUDY IN ELECTRICITY.

Since there is a probability that the college will receive a part if not the whole of the appropriation made by the United States Congress for the benefit of state colleges; there is a possibility that the college will have electives, since all the officials are in favor of them and are only awaiting the decision of the legislature in the matter before taking any decisive steps in drawing up a list of electives.

Among those electives, why not have one in electricity? There is an old saying that "money makes the world go round". This may be ever so true yet if we study closely into the occurrence and power of electricity we would be able to assign electricity the same function. Most persons on the first impulse are apt to underrate the value of this force. As physicists and meteorologists pry open the mysteries of nature they always find electricity in one form or another at the bottom of them. It occurs in greater or less quantities in all bodies of matter found in the earth, on the earth or above the earth. Its presence is manifested to us by the production of light, heat and sound.

A large proportion of the new machinery and greater inventions that have been made during the last ten to fifteen years are directly or indirectly operated by this comparatively unknown and mysterious force, electricity.

In the preceeding I have reference to the inventions of the telephone, phonograph, electric lights and electromotion, besides the chemical phenomena produced by the passage of an electric spark. It has a powerful influence on the growth of vegetation and also in cases of certain diseases of mammals the effect of an electric current has been brought to bear upon the patient with very desirable and beneficial results.

Electricity is also being used by the U. S. government in the war department but especially in connection with the navy, as motor power, lighting (including its search lights) and in the manipulation of its guns and torpedo boats.

Therefore on account of the prominence of this force should not a graduate of this college understand at least the fundamental principles of the source of so many striking phenomena? To be sure we get a smattering of this subject in our present course of physics; but this is not sufficient for the college graduate in the time of the present advancement of science.

Therefore let us all use our influence, little or great as it may be, in the securing of the appropriation for our institution, in order that an elective study in electricity may be offered to the students of the college.

R.

EDUCATION.

To educate means to lead forth, to bring up, to train, to improve, to add new or stronger energies to the powers originally possessed by the individual. A great many men mistake schooling for education.

It has been truly said that simple schooling can no more constitute education than simple eating can constitute health. In fact it is a very small proportion of real education that comes from formal schools of any kind. The common public schools all over this land simply start a man towards getting an education. For example John C. Calhoun was a much more thoroughly schooled, but a far less educated man than Abraham Lincoln, and this is but one example out of a great many that might be given.

Not very many years ago a young man in order to be a professional man of any sort or before he could be admitted to high society had to go through a college where he could get a thorough knowledge of Latin and Greek and all these higher branches of learning. But those are requirements of the past and Latin and Greek no longer constitute an education for a professional man.

Scholarship alone never made a man, although it is indispensable in this age for evolving true manhood.

Now let us notice the difference between schooling and education. The first provides a drill of more or less value for the development or education of the lower faculties of the soul, the mere intellectual. But education is the proper development of all the faculties of the whole being, physical and mental, intellectual, moral, and spiritual. Books we must have but we should strive to make them our means, not our end; our servants, not our masters. We could not get rid of them if we

would and we would not if we could, but we should learn to use them as they were meant to be used when they were given to us. Education in its broadest significance cannot be confined to the narrow limits of its acquisition to youth. A man never ceases attaining an education as long as he is connected with this life. Education gives men the power of observation and it is through observation that all great inventions have come. For instance, many men saw the steam coming from a tea-kettle but it was James Watt who saw the power of that steam and made it useful to mankind.

In getting an education a man wants to get enough to be able to make it useful to others as well as to himself. No matter how good an education a man may have, if he cannot impart his knowledge to others, it is of comparatively little value.

C. L. B.

LETTER.

DEAR EDITORS:—Thinking perhaps a short description of our work on the Gypsy Moth Commission would interest your readers, I am prompted to write this short letter.

At present we are at work on the eggs. These are found in masses enclosed in yellow hairs on the side of tree trunks from the top of the ground to near the top, on the under side of the larger branches; on stones and fences, generally on the sheltered side and in cracks; on buildings under the edge of the clap-boarding, under the piazza floors and doorsteps and in barns. Old tomato cans on dumps are often lined with eggs. If there is a dirty place about the buildings or a crack where it is difficult to get at them, there they are often found.

Each town in which the moth is known to exist is divided into sections of about one square mile. Each one of us has charge of the work on one section; the remaining sections are given to the most competent men from the force. We are called inspectors.

The first work is to inspect carefully, with what men we can use to advantage, which number varies with section and inspector, from two to ten, generally about five, every tree, fence, wall, and building, and mark every place where the eggs are found with white paint. As soon as one has inspected his section he goes over it the second time and removes all the eggs and burns them.

In securing the eggs we have a great many interesting experiences. One or two have threatened to shoot the inspector if he came into his yard. Many inquire about the work and wish us success. Upon going into a yard—"Well, what do you want here?" "Gypsy moths?" "There isn't a Gypsy moth on the place," is often the first salutation.

In districts where the eggs are abundant we are obliged to go under all piazzas, to take the base boards off from picket fences, or sometimes to take a fence down entirely.

In these cases the owners often object, sometimes with quite strong language, but when they see we pay no attention to them they give us no trouble. We have authority to enter any place and to do whatever we think necessary to destroy the eggs.

H. M. T.

'WAY BACK IN PELHAM.

"'Twas 'long 'bout '72, I think, when father, having become struck with the idea of sendin' me, his pet boy, to college, decided to do suthin' about it right off. Wal, at this time I was as pretty a boy as you would care to look at, and I warn't scarcely twenty-five. I never dressed very nobby you know, but then my style of beauty, my harnsome figger, and my fine manners kinder stuck me up above the other fellers in the village; meanin', of course, in the eyes of the gals, for in fact the masculine gender seemed sorter jealous on me.

"Father, he didn't seem to realize this state of things. He didn't take into account the many ties that held me home, the many hearts that would be broken if I should leave. These ideas struck me all the same, so I just brought my foot down and says, No! If by goin' to school I shall make life not wnth livin' to the people of this, my native Pelham, then I shall not go.

"I didn't say nothin' about this conclusion to father, as he was rather sot on my goin'. How in the world he could bear to part with me was more than I could guess. To me the idea of leavin' my paternal ancestor was always one sufficient to draw my bitterest tears.

"However, one mornin' along in spring, just before Christmas or town-meetin', I forget which, father says to me, just as the sun was gloriously settin' over the western hills, 'Azariah, my boy, you have always been a good child to me, and it now becomes my duty to help you, and I am resolved to do it.' So takin' a worn pocket-book from some hidden nook in his vest, he

unbuckled the long strap and drew out a two-dollar bill, sayin' at the same time, 'There, take that money, go round to all the colleges in the state, see which one you like best, and then go. I'll pay your way,' says he, as he gently tapped the side of his rusty but well-fed pocket-book.

"Wal, I was rather took back by the old gent's generosity, but with put-on reluctance I accepted the two spot and concluded to take the trip.

"I started right off in my best suit of clothes. I couldn't help wonderin' all the way down to the keers what father would do without me. You see plantin' was a comin' on and no plowin' had yet been done. But I just pushed aside these sad thoughts and struck out for a good time. The highest college was in Amherst, so I strayed for there. When I approached the buildin's I saw a crowd on a field yellin' pretty loud at times, and I couldn't make out what they were doin'. I asked a young chap and he said it was a game o' round ball. I guess the feller meant three old cat, 'cause we always used to play that with a round ball when I went to school.

"They had four sticks stuck up in the ground, makin' a square. Side of each stick was a man, with pants on arter the fashion of those worn by Gen. Washington in the revolutionary war. I guess they must have been celebratin' his birthday. There were three men in a row behind the man with the bat and there was several men farther out on the field all dressed in that old fashioned way. The batter made two vicious whacks at the ball and didn't hit it. This made him madder than thunder, and he did considerable talkin', seekin' to make out that the pitcher was a-tryin' to fool him. Well, at last he got to the first stick, and I tell you, he was a disagreeable sort of a feller. He got into some argument with the man stationed there, and when the little chap acted as if he was goin' to do some fightin' that blamed coward started to run like fury toward the man at the next stick, as if for protection. He didn't get very far though before the pitcher, thinkin' he would have a hand in the matter, just shot the ball through the air and picked the cranky cuss under the ear. I tell you, I was mighty glad on it. Some one then yelled 'Out', and I guess the feller was just a little out. He turned around and slunk off lookin' a trifle dazed like, and I didn't see him for quite a while. That was a hard played game, I swan! They all got mad after a while and spotted each other like fury. I just made up my mind that my features were far too valuable to be spoiled in that manner. That was one point against my goin' to college. I stayed in that town almost two days, when the thoughts of father and the plantin' almost drove me crazy, so I skipped for home. Father, he caught me in his arms, and says 'Azariah, don't leave me again.' You can bet I didn't, but just settled right down on the farm in dead earnest.

G. F. C.

AGGIE LIFE.

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AFTER a short intermission the LIFE again makes its appearance, but under a new management. The former board has laid its work aside, and it now falls upon us to carry it forward. When they entered upon their work they endeavored to fall back upon their predecessors for a policy, but unfortunately, they had none. We can look back with a feeling of joy and gratitude to the former editors, for they have indeed left us a policy, one that is reliable, and can be depended upon, and by their forethought have placed the new board in a position where they may successfully carry the LIFE forward. The retiring board is to be congratulated for the interest and perseverance that has been necessary to carry forward this work so successfully, and it has been successful, for it has kindled an interest in literature, and through its columns many have expressed their thoughts and developed their literary ability. We realize that in the retirement of our senior editors we have sustained a severe loss, but by making extra exertions we hope to survive it. One thing we desire to impress upon the minds of the students; it is your paper, and on you rests considerable responsibility, for without the co-operation of every student we cannot hope to gain the best results. Every student should make it a point to write every term, for plenty of material tends to increase the quality of the paper to a higher degree of excellence. We shall make no elaborate changes this term, but continue essentially as our former board. Time will probably bring improvements, but just now we can do no better than to follow the plans that have been laid out for us. We have no excuses or explanations to offer, and we present to you the first spring issue of AGGIE LIFE, hoping you will justly criticise its merits and demerits.

THE contemplated field-day should not be forgotten. Do not stop with the preparation of last term. Those men who are not actively engaged in base-ball should devote their time to practice for the coming field-day. This is a somewhat new line of work, and because it is new, let each man take hold and make the first field-day a success.

THE last term's work of the Natural History Society was largely restricted to subjects of no special significance and to preparation for coming work. This term will be the time for solid work. This society offers a splendid chance for individual research and its members, having the hearty co-operation of so many members of the faculty, will, by their work, not only benefit themselves, but the scientific world at large.

WE understand that there is a feeling of discouragement among members of the college band, with the loss of one and possibly two of their members. This will certainly cripple them somewhat, but no one who heard them play will say that their work of last term was not a success, and it will be so this term, even with loss of members, if those remaining keep up their wonted enthusiasm. Bear in mind that next commencement will be the time for public display of your merits, and to do yourselves justice at that time, keep up your courage and practice faithfully.

IT is said that nature is full of poetry and indeed it is, and to those not initiated into student life, it would seem that poetic inspiration would fill the breast of every member of the M. A. C. One would think that poetry might flow from their pens as freely as money from their pockets. But the contributions received by us seem to be sadly deficient in this useful article of furniture. Whether from diffidence on the part of the youthful poets, or from other causes we are not prepared to say. But we would say that all contributions in this line will be *very* thankfully received.

WHERE is the half dollar I paid the Athletic Association for gymnasium apparatus? This is a question asked by some persons every now and then, and a very feasible one too. Not doubting in the least but that the money is in safe hands, we ask why some use is not made of it? It was the wish of the college that some new apparatus should be put in and so the tax was laid. The boys have been waiting

some weeks for the appearance of little improvements, now and then, but have failed to discover any, even yet. This is certainly not the way to insure the future generosity of the students. The excuse is sometimes given that half of them didn't pay. This may be an exaggerated truth. The matter is, to a certain extent, left to a man's honor. If he hasn't the spirit himself to go in and do something to elevate college athletics, the least he can do is to furnish the little money that is required of him through the year to support these interests. But allowing that half didn't pay in this instance, is the other half never to see any results in the gymnasium? If not, then justice is not done them. Then right here we would say, it is about time for the schedule of field-day sports to be published. If the fellows knew just what there was to be, they could go to work with more determination, and consequently there would be better showings when the day arrived.

THE difficulty of obtaining water during the recent fire suggests the inquiry, should there not be a hydrant placed near the boarding-house? In order to obtain water to wet the roof of the boarding-house it was necessary to lay the hose from the hydrant just west of north college and carry it across the ravine. The friction in so long a line of hose was so great that there was not force enough at the nozzle to carry water to the roof. It would seem from this that another hydrant, connected with a main, of sufficient size, should be placed in such a position that water may be readily obtained in case of another fire. It also seems that some way should be provided for getting at the bell to give an alarm, in case of fire. At present the door opening into the old gymnasium is kept locked for the safety of the collection of Japanese tools kept there, and only the bell-man and janitor have keys. In case a fire starts during their absence there is no way of getting at the bell to give an alarm and such was the case during the recent fire. Another important question is, why have we had no fire drill? True, the fire order has been conspicuously posted, but if we have no drill how can we be expected to work together? At a fire prompt action is necessary, and each company should know just what its duty is and should perform it. A few fire drills would enable each company to become familiar with its parts and insure prompt action in case of fire. Can we not then have at least one fire drill?

SCHEDULE.

GENERAL EXERCISES.

1-15 A.M., Chapel. | 10-50 A.M., Church, Sunday
8-30 A.M., Insp. rooms, Sat. | 4-15 P.M., Drill, M. Th. F.

CLASS EXERCISES.

SENIOR.

JUNIOR.

A. M.
8-30. Const. History. English Literature, T.
Chemistry, W.
Landsc. Gardening, Th.
Rhetoricals, F.
9-30. Ag'culture, T. W. Th. Landsc. Gard., M. T. Th.
Chemistry, or } M. F. Chemistry, W.
Geology, } Agriculture, F.
10-30. Veterinary Science. Entomology.
11-30. Geology or Chem. Physics or Entomology.

P. M.
1-45. Military Science, M. Chemistry, M. T.
Landsc. Gardening, F.
SOPHOMORE. FRESHMEN.

A. M.
8-30. Agriculture. Latin, M. T. W. Th.
9-30. French. Geometry, M. T. W. Th.
English, F.
10-30. Survey, T. W. Th. F. Agriculture.
Rhetoricals, M.
11-30. Survey, T. W. Th. F. Botany.
P. M.
1-45. Horticul., M. T. W. Rhetoricals, Th.

GLEANINGS.

Play ball! Play *Ball!*

Major Ruggles returned last Friday.

The new back stop needs a coat of paint.

Mr. David Barry '90 spent Sunday at M. A. C.

Base-ball and tennis are prohibited in the drill hall.

Major Ruggles inspected rooms last Saturday morning.

M. H. Williams, '92, has not yet returned to college.

Hereafter, all unexcused absences from drill will be made up on Saturday.

Keith, '94, who went home last term on account of sickness has returned.

Has any one seen those agricultural cats that belonged to the doomed barn?

Mr. Ono has left the boarding club owing to the inclemency of the weather.

The Juniors this term have laboratory work in both chemistry and zoology.

Wm. H. Ranney has moved his stock of students' supplies to the boarding house.

Go up up to the plant house some moon-light night and hear those cabbages grow.

The last bulletin of the Hatch Experiment Station was edited by Prof. Fernald.

Duffield, '94, has left college and obtained a position with the would be gypsy moth exterminators.

Prof. Fernald will lecture at the Grange April 17. Subject:—"Intelligence in the Lower Animals."

Prof. Maynard gave the Junior class an interesting lecture on Horticulture last Monday morning.

The back net of the Q. T. V. tennis court suffered among other things in the recent snow storm.

The removal of the D. G. K's to their society house results in several unoccupied rooms in South college.

H. C. West, '92, will be obliged to remain out of college for some time owing to trouble with his eyes.

The Washington Irving Literary Society has adjourned indefinitely owing to the pressure of other duties.

Now is the time for the Freshman and Sophomore orators to be thinking of the Kendall Prize Speaking.

We hail with pleasure the sight of our campus which for many weeks has been deeply covered with snow.

Last Wednesday the Juniors had two hours off recitation, owing to a bolt obtained on Prof. Maynard.

The State Experiment Station will soon issue a bulletin on the composition and value of commercial fertilizers.

At the first base-ball game let every man yell *Rah! Rah! Rah--Rah--Rah! A-g-g-i-e! Rah! Rah! Rah-Rah-Rah!*

The room in North college lately vacated by the D. G. K. Fraternity has been repaired and made ready for occupancy.

Chemistry has been dropped from the Freshman course for this term owing to the unusual number of hours recitation it would necessitate.

We regret to record the illness of Pres. Goodell which has prevented him from assuming his duties. Prof. Maynard is acting President.

Last Friday afternoon the diamond was smoothed and rolled and a new back stop constructed to resist the onslaught of the mighty base-ball.

The class of '91 held a meeting Monday and voted to have their class pictures taken at Greenfield Saturday. Hull was elected base-ball captain.

The bridge in the botanic path has come to grief. Some person unacquainted with the condition of this structure will do the same if he attempts to cross it some dark night.

A large show case has been placed in the botanic museum. Among the curiosities it will contain is the renowned squash that attracted so much attention a few years ago.

Last Thursday afternoon the first practice game of base-ball was played on the

campus, but the ground was so wet and the ball so slippery that little could be accomplished.

Who raised such havoc in the drill hall last vacation? We sincerely hope there is no one in college who would degrade himself to so great a degree as to become engaged in such disgraceful work.

The campus was in very good condition for ball playing during the first part of the vacation, and had it not been for the heavy fall of snow we should have been able to practice out of doors at the beginning of the term.

The class of '94 has elected the following officers for the term: Pres., L. Manley; Vice-Pres., T. S. Bacon; Sec., A. C. Curtis; Treas., R. E. Smith; Class Cap't., J. E. Gifford; Historian, E. W. Morse; Serg. at Arms, E. L. Boardman.

The following are the most promising candidates for the base-base team:—Paige, Ruggles, Hull, Legate, Crane, Willard, Fletcher, Curley, Howard, F. A. Smith, Parker, Barton, Sanford, Dickinson.

The D. G. K's are now settled in their new home, being the first society in college to inaugurate the use of society houses. We wish that instead of one, four houses might be seen upon the college grounds.

The College Shakespearean Club elected officers for the term last Saturday night as follows: Pres't, E. P. Felt, '91; Vice-Pres., H. B. Emerson, '92; sec., C. F. Walker, '94; treas., H. F. Staples, '93; 1st director, M. Ruggles, '91; 2d director, C. S. Graham, '92; 3d director, G. T. Curley, '93.

The class of '92 held a meeting directly after the mass meeting Friday morning, and elected the following officers: Pres., W. I. Boynton; Vice-Pres., E. T. Clark; Sec., H. B. Emerson; Treas., E. B. Holland; Class Cap't., W. Fletcher; Base-Ball Captain, W. Fletcher.

The following base-ball games have been arranged for the coming season: April 25th, Monson A'c'd at Aggie, May 2d, Aggie at Tufts, May 9th, Aggie at Trinity, May 16th, Wilbraham at Aggie, May 23, Aggie at Wilbraham, June 6th, Tufts at Aggie.

Other games are to be arranged.

A paper was lately read before the State Board of Agriculture by Mr. Wm. H. Bowker, member from the Worcester north-west society, entitled "The Massachusetts Board of Agriculture and the Agricultural Societies." The article, which has been

published in pamphlet form, endeavors to point out the defects in the present system of management, and gives many valuable suggestions for its improvement.

Through the kindness of the faculty a mass meeting was held in the old chapel the first hour Friday morning. The resignation of H. E. Crane as treasurer of the Base-Ball Association was accepted, and E. Rogers elected to fill the vacancy. E. H. Lehnert was elected Sophomore base-ball director, to take the place of J. Baker. The matter of raising a larger sum of money than in former years was discussed, and it was voted to follow the custom of other colleges by asking for pledges from the students in the meeting. The sum of five dollars was named and then a smaller sum until all had pledged themselves for some amount. Two hundred and thirty dollars were raised in this way among the students and it is hoped the amount will reach three hundred dollars by the subscriptions of the faculty and alumni. A. H. Cutter was elected Freshman director of the Athletic Association to fill the place of I. C. Green. H. B. Emerson was elected secretary and treasurer of the Tennis Association, C. A. Goodrich sophomore director, F. S. Hoyt director of Reading Room Association. It was voted that the four class base-ball captains arrange a schedule of class games to be played if possible next week.

THE FIRE.

Early in the evening of April 4, the last Saturday of vacation, the few occupants of the college dormitories were suddenly startled by the cry of "Fire!" Flames were discovered issuing from the building known as the "Hatch barn," situated north west of the boarding house, and although but few persons were on the grounds, the alarm was spread as rapidly as possible.

When discovered, the fire had gained such headway as to render it impossible to save either the building or its contents, and so every effort was made to protect Prof. Walker's house and the boarding house, which were in danger. Fire ladders were brought from the South College basement, and the roof of the boarding house was wet as rapidly as possible by the use of buckets.

After some delay the college hose was laid from the hydrant west of North College, through the ravine and back of Prof. Walker's house, fifteen lengths being required to reach the desired spot; but when

at last a stream of water was turned on the roof it was evident the danger was over.

Meanwhile, word had been sent down town, and the fire organizations from there and from East Street soon arrived on the scene, but happily their help was not needed.

The building being of wood and containing combustible material, burned very rapidly, and the sight of the flames brought a great crowd of spectators from every part of the town.

The barn was new, being built about two years ago by the Hatch Experiment Station, and has been used by the agricultural department. Its loss is to be regretted not only for its pecuniary value and the delay it will necessitate in the work of the station, but because the building and its surroundings was an object of interest to every visitor to the college.

The origin of the fire is not known. The building was closed but a few hours before. Although there had been a fire in the office during the day there was none when the barn was closed, while the evidence of those who were first on the scene tends to show that it must have originated in the fertilizer room or on the floor. There was in the building at the time a quantity of fertilizer, ensilage, and other crops, also farm and dairy tools. The loss is well covered by insurance.

This is the first fire that has occurred on the college grounds since that memorable morning of October 22, 1887, when the third floor of North College west entry was burned out. That an equally long time may elapse before we are again visited by such a catastrophe, we can only hope.

PRAYER MEETING TOPICS.

- April 16th.—The Faithful Few. Judges, 7:1-25. C. A. Smith.
 April 19th.—Cheerfulness. Prov. 17:22. H. G. Stockwell.
 April 23rd.—Our Individual Responsibility to God. Luke 19:12-27. W. H. Ranney.
 April 26th.—Our Example. Matt. 5:16. A. H. Kirkland.

ALUMNI NOTES.

H. E. Woodbury, '89, until recently Assistant Horticulturist at the Hatch Experiment Station, Amherst, has accepted a position as principal of the Northboro High School.

At a meeting of the Mass. Agricultural College Alumni Club of Massachusetts, held at Boston, March 3, it was voted that



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H. A. UTLEY, Manager.

a meeting of the club be held at Amherst
Commencement week, and that the details
of arrangement be left to the board of
directors. The club now numbers one
hundred and twenty-two members of which
five are honorary.

F. L. Taylor and J. S. West, both of
'90, are with the Gypsy Moth Commission
near Boston.

A. C. McCloud and D. Barry gave a
very pleasant entertainment, March 28, at
their hotel in Lynn, to their college friends
living in the vicinity of Boston.

J. S. Loring, '90 has received the ap-
pointment of Assistant Horticulturist of
the Hatch Experiment Station at Amherst.

A. C. McCloud and D. Barry, who have
been at Lynn in the employ of the Thom-
son-Houston Electric Company, have
moved to Boston, where they are employed
by the same company.

Williams College has formed a dramatic
association. No less than two plays are
to be presented during the year and a prize
is offered for the best piece of dramatic
literature written by a student.

NEW YORK MATHEMATICAL SOCIETY.

NEW YORK CITY, April 3, 1891.

DEAR SIR:

I have the pleasure to inform
you that you have this day been elected a
Member of the New York Mathematical
Society.

Very respectfully yours,

THOMAS L. FISKE,
Secretary.

PROFESSOR C. D. WARNER,
Amherst, Mass.

THE AMHERST GIRLS.

The Amherst girl,
Like a stylo pen,
Subject is to fits and starts.
Her style is good,
But you know not when
She'll work in trim, be free from darts
And sudden spirts, like the flowing ink,
Which from the pen should smoothly glide.
And it sometimes does,
But one has to think
To shake that it may slide.
Thus local maids
The scepter wield
In a manner that is quite deft,
The youth is slow
His heart to shield,
And ere he knows it he is left.

AN ORCHESTRA.

There is a movement on the part of a
few students to start an orchestra. Too
much cannot be said in favor of forming
such an organization, when there is cer-
tainly talent enough in college to carry the
thing through successfully. At present we
have two violins, a cornet, clarinet, pic-
colo, slide trombone, and will soon have a
bass viol. Now with these parts, we should
be able to form an orchestra which with
time and practice would be a credit to the
institution. One point in its favor is that
the men who handle these instruments will
undoubtedly remain in college two or three
years more, so there will be ample time to
work for good results. The work could be
done, too, without taking any appreciable
amount of interest from other departments.
Any movement of this sort should receive
the encouragement of each and every
student.

COLLEGE NOTES AND EXCHANGES.

Yale is to have an \$85,000 dormitory.

Delaware College is to have a chair of
Agriculture.

Harvard's base-ball schedule for April
contains thirteen games.

The annual gymnasium exhibition at
Trinity was held April 7th.

The Harvard Overseers have voted
against the faculty's proposal for a three
years' course.

The Amherst students are planning for
a "mock town meeting" which will be held
early in the term.

Harvard's athlete, Shaw, was drowned
last week while out with the college crew
on the Charles River.

The University of Chicago, of which
Prof. Harper of Yale is to be president,
will open Oct. 1st, 1892.

The Dartmouth Freshman base-ball suits
are of Yale gray with green trimmings,
green sweaters and stockings.

The third month *Swarthmore Phoenix*
contains interesting sketches of the lives
of her two former presidents.

Oberlin, with all her seventeen hundred
students, has no secret societies. All the
societies of the institution are purely
literary.

The eightieth birthday of Ex-President McCosh of Princeton was celebrated by the faculty and students of that institution, April 1st.

President Jordan of the State University of Indiana has been appointed president of the Leland Stanford University, California, at a salary of \$10,000.

In many students' rooms can be seen posted on the walls such resolutions as these: "I will, 1st, rise at 7; 2d, breakfast at 7-30; 3d, go to chapel at 8; 4th, to recitations at 8-30."—*Willistonian*.

Oh! if certain students here at Aggie would only post such an article in their rooms and live up to it. What a refreshing surprise it would be to the rest of us.

The new president of Rutgers proposes to have some of the professors of the State College go through the state lecturing on agriculture and mechanics. He also intends that the students be required to do practical work in agriculture.

A CHEMICAL ROMANCE.

Said Atom unto Moly Cule,
"Will you unite with me?"
And Moly Cule did quick retort:
"There's no affinity."

—*Purdue Exponent*.

The following from the *Swarthmore Phoenix* is very suggestive, and we think its sentiment will be echoed by our '94.

"The Profs. sit up till morning light
And sternly tough exams. they write,
That would reach from here to Jericho,
And are full of things that we don't know."

BASE BALL.

The spring term opens with base ball as the principal sport, and it is certainly very gratifying to our enthusiasts to be able once more to practice out of doors.

During the winter term our candidates for the nine have as a rule practiced quite faithfully everything taken into consideration, and no little credit is due the Captain for the interest and persistency he has shown in carrying the work forward. In many cases they have been obliged to practice under some very discouraging circumstances, but under his able guidance we feel that more has been accomplished this year than in the past for absolute harmony has prevailed and nothing has occurred that would tend to promote jealousy or ill feeling.

We may reasonably hope this year to have a nine that will play good ball and represent the college in a gentlemanly manner when they visit other institutions.

We are fortunate this year in having some very good material and if it is only properly developed we can have a nine here that can make a creditable showing against some of our larger colleges, for experience has verified that it is a detriment and even a disgrace for a college of our standing to play games with these high and preparatory schools about us, for the team loses snap and plays with a lifelessness characteristic of no respectable nine.

Let us look higher, no matter if we do not succeed in winning every game, for it will be an incentive to the players to work harder and secure greater honors. Now our nine must have the cooperation of all the students. You have responded nobly to the call for money and you may still help in many ways. You may not have the ability to play on the first nine, but if you have an inclination to play ball there is usually an opportunity for you on the second nine, this will help along greatly. Again by your presence on the field, and a hearty cheer for every good play, you may help again, and it is earnestly desired this year that every student witness the practice games, but be just in your criticisms and remember that no ball player is perfect. By this means and careful practice on the part of our nine we may be assured of a successful season.

H. E. C.

MAILS.

Mail leaves college for P. O. at 1 P. M. and 7 P. M. on week days. On Sunday it leaves at 4-45 P. M. At the P. O. mails close as follows:

Boston.

7-45, 8-30, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.
New York, Western and Southern States.

7-45, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.
Northampton, Springfield and Western Massachusetts.

7-20, 10-15, 10-45 A. M.; 6-45 P. M.

Northern way, N. L. Northern.
8-30 A. M.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 1-30 to 3-30 each afternoon excepting Saturday and Sunday.

The college library will be open from 2 to 4 each afternoon, except Sunday, and from 6.30 to 8 each evening, except Saturday and Sunday. Also Sunday afternoon from 1 to 3.

President Goodell will be at his office from 2 to 4 P. M. every afternoon except Saturday and Sunday.

E. B. DICKINSON, D. D. S

»DENTAL ROOMS.«

KELLOGG'S BLOCK, - - AMHERST, MASS.

Office Hours, 9 to 12 A. M., 1-30 to 5 P. M.

»Ether and Nitrous Oxide Gas administered when desired.

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large or small parties.

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Massachusetts Agricultural College,



Amherst, Mass.

Prof C. H. Fernald.

AGGIE LIFE



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BOTANICAL DEPARTMENT,

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Hair Brushes from 25 cts. up?

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Choice New York Confectionery?

Shaving Mugs?

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Lather Brushes?

Cigarettes, fresh every two weeks?

The Best Soda in America?

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Prescriptions prepared by licensed pharmacists?

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PHYSICIANS' PRESCRIPTIONS CAREFULLY COMPOUNDED,

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AGGIE LIFE.

VOL. I.

AMHERST, MASS., APRIL 29, 1891.

No. 14

ARBUTUS.

Safe hidden from the careless gaze of man
The fragrant buds and blossoms lie at rest,
Above, the sighing wind or pattering rain
Alike disturbs them not. In slumber deep
They lie, and naught can wake them from their sleep

'Till the appointed moment when some breeze
More soft, or song of bird more full and sweet,
Or ray of sunlight penetrates the gloom
And whispers that the time of springing flowers,
That May herself has come.

But for him only who with reverent tread
Patiently seeks within the mossy bed,
For him each sweet pink blossom lifts its head

And sheds such wealth of fragrance on the air,
Such richness of perfume and beauty rare,
Such light from darkness, life from death arisen,

As mortals seldom dream of,
A bit of Eden left to brighten earth
And whisper of the Paradise where flowers
As sweet and fair, forever more shall bloom.

HARVARD UNIVERSITY.

Harvard University, the oldest college in the United States, was founded at Cambridge, Mass., in 1736, sixteen years after the settlement of the colony. In 1639 it was given its name in honor of Rev. John Harvard, who gave very liberally for its foundation and support.

At the outset it was far inferior and different from what it is to-day. At that time it was little more than an Indian school, with few students and studies, but now it has but a little less than one hundred elective courses, besides the regular courses, and where it graduated nine men including one Indian in 1642, it now graduates several hundred annually.

Its first president, Rev. John Dunster, in 1640, started the college upon its road of fame, until now "Harvard," "*Crimson*" and "Pres. Eliot" are bye-words throughout the educational world.

At first designated to be of Unitarian denomination, it has since outgrown this on account of the overseers being elected by the Legislature, thus obliterating any possible partisan feeling.

The college to-day consists of many large and beautiful buildings, nearly all built by individual bequests, alumni and students' subscriptions. Besides the regular college there are four professional schools connected with it:—Law, Theology, Medicine,

and Science. The whole is controlled by a board consisting of the President of the College, Treasurer, five Fellows, and Overseers.

Ranking one of the first in the educational line, it also holds the same rank in the athletic field, having but few worthy opponents in the college world, Yale, Princeton and Columbia.

Nine times out of fourteen, its Mott Haven team has secured first honors, while Yale and Princeton have each secured them but once. As regards its past intercollegiate records it cannot be equalled by any American College, although Yale in late years is a close opponent.

In athletic games it has been improving, although for a few years previous to the season of '89, in both base-ball and foot-ball, the other large colleges were a little its superior. The last year's work, however, shows great things to come for the Crimson standard, as can be seen by her defeat of Yale in both the popular sports. In rowing, Harvard has carried the pennant just enough to show her great superiority in this sport.

Many professionals and record-breakers are seen in Harvard alumni and student records. Such men as Shaw and Sears in tennis, Bates in base-ball, and Lake, Cumnock and Trafford in foot-ball, are worthy of mention.

Harvard, like all other colleges, has its numerous fraternities and supports some of the best chapters. Among the most noted is Alpha chapter of the Phi Beta Kappa Fraternity which is composed entirely of honor men, and all high class orders are represented. Of the local clubs, the Hasty Pudding Club is best known, especially in the society world, for its brilliant amateur theatricals.

Of the college publications the *Daily Crimson* is best known. There are also published the *Lampoon*, *Advocate*, and numerous others, including *The Index*.

Christian work in the college is carried on under direction of the college Y. M. C. A., which has branches in each class and department, and much good work is accomplished both by students and alumni. This work is greatly helped by the several Total Abstinence societies and religious orders.

Summing the whole, in a little, it can be said that Harvard is an honor to the "Old Bay State," of which all should be proud.
T. F. K.

"THE BOOKE OF HUF BANDRYE."

In this age of scientific agriculture we have a great abundance of agricultural literature. Much of this is of practical use to the farmer but at the same time much is of a very inferior quality or of no value at all. Agricultural papers and periodicals form a large share of this literature but the books written on the subject are by no means to be overlooked.

It was when agriculture began to be regarded as a science, and the chemist and the mechanic gave it his attention that the amount of agricultural literature began to increase; but it is a comparatively short time since such publications were not only very rare but in some places unheard of.

However, agricultural literature of some kind has existed ever since the invention of the printing press, when men first began to express their thoughts in type. As we know, the writings of that period are somewhat obscure to the modern reader, and a printed book of the fifteenth or sixteenth century is a curiosity indeed.

But although the art of printing was in its infancy, men could think in that period as well as in the present day, and if one will take the time to decipher a few publications of that time he will in many cases feel repaid for his trouble. In the college library there are many old books of this description dating back to the sixteenth and seventeenth centuries.

In looking over these volumes the writer chanced to find a unique specimen of typography which is interesting not only for its age and appearance but also for the matter it contains.

The book in question is a small affair, bound in leather and ornamented with gilt. On the back is the date 1562, a little over a hundred years since the first book was printed from movable types. The volume is printed in heavy german type on coarse brown paper. On the title page we find these words:

"The booke of Hufbandrye, very profitable and necessary for all maner of perfons. Now lately corrected and amended wyth divers adicions put ther unto."

Turning over we find the "Anchor's Prologe," after which we enter upon the body of the book.

"Here begynneth the booke of husbandrye, and first whereby husbandmen doo lyve."

"The most generall yving that husbandes can have, is by plowynge, fowing of their corn reaping, breeding of their cattel, and not the one wythout the other. Then is the plough the most necessariefest instrument that an husband can occupy, wherefore it is convenient to be knownen, how a plough should be made."

Here at the beginning it is very evident that the "anchor" is well acquainted with his subject. How well we can apply his words to the present day! Is not the plow still the "most necessariefest" instrument that a farmer can use?

But we cannot stop to consider all he says concerning the plow but simply to notice a few of the chapter heads on the subject.

"Divers maners of plowes."

"To know the names of all partes of the plowé."

"The temporing of the plowes."

"The necessary thinges that belongeth to a plough, cart, and wayne."

"Whither is better, a plow of horfey or a plow of Oxen."

After treating of plows; how to plow, when to plow, and what to plow, the "author" takes up the crops and gives careful and particular directions how to sow and harrow them. The following are a few of the subjects:

"How to know divers maner of weeds."

"To mow graffe."

"To tedde and make hey."

"How rye should be fhorn."

"How to fheare wheate."

"To mow barley and oats."

"To reap and mow pease and beanes."

After dwelling for considerable length on the harvesting of crops, the writer suddenly changes his subject and takes up live stock something after this fashion.

"To make an ewete love her lambe. If the ewe have mylke and wyll not love her lambe, put her in a narrow place made of boardes, and put the lambe to her, if the ewe fmithe the lambe with her head binde her head with a hey rope or cord to the fide of the pen, if she wyll not stand fidelong call the ewe and give her a little hey and tye a dog by her that she may fee hym, and this wyll make her love her lambe shortly."

This valuable advice was probably given from experience. It certainly sounds reasonable.

Over toward the back of the book there is a treatise on animals and their diseases which would certainly prove interesting to

those studying veterinary science. Here are some extracts.

"Blyndnes of shepe and other difeafes, and remedies therfor. There be some shepe that wyll be blynde a feason and yet mend again. And yf you put a little tar in his eye he will mend the rather, there be divers waters and other medicines wold mend hym, but this is the most comd medicine the shepards use."

"The gout without remedy. There bee beastes that will have the gout, and most commonly in the hinder feete, it wyll cause hym to halt and go ftarkely and I knew never man who could helpe it or fynde remedy therfor."

"A fpavin is an yl forance, where upon he wyl halt, specially in the begynning, appereth on the hinder legges within and against the joynt. And some horfey have through fpavin appereth both wythin and wythout, those be yl to be cured."

To complete the whole there are a number of pages devoted to duties of the housewife, and also several chapters on different religious subjects. The "Table to this present booke" follows while at the bottom of this very last page is the imprint as follows:

"Imprinted at London by John Awdelye, dwellyng in lytle Britayn ftrete, by great Saynt Bartelmewes."

Such is the "booke of Husbandrye."

A REVERIE.

As the eastern sun was rising
One morning long ago,
Its bright rays fell like crystals
Upon the earth below.

They rested on the meadows,
Upon the bright flowers on the hill
And stretched away far eastward,
On the Connecticut, smooth and still.

It was not a flowing river
As we see it here to-day,
It was a lake serene and calm,
And extended far away.

The bright flowers were on its border,
The green trees hung lightly o'er
The ever-ceaseless silvery waves,
As they splashed against the shore.

As we look upon these shining waves,
They are rolling on and on
Until they lash against the sides
Of Mounts Holyoke and Tom.

Long have these grand old mountains
In the days that have gone past
Resisted the wear of these silvery waves,
But must give away at last.

As we pass along life's rough journey,
If difficulties come in our way,
We must thus try and overcome them,
Little by little, day by day.

B. H.

FIRST BANQUET.

OF

AGGIE LIFE EDITORS,

Held at Amherst at 10 P. M., April 24th, 1891.

E. P. FELT, Toastmaster.

Toasts.

O. V. B. Lage,	The New Board.
Song, Here's to Aggie College.	
A. G. Eames,	College Journalism.
H. N. Legate,	The Ladies.

Song, Rosalie.

H. E. Crane,	The Old Board.
G. B. Willard,	Other College Papers.
Song, Vive l'Armour.	

The Editors of AGGIE LIFE held their first banquet at Wood's Hotel on the evening of the 24th, both the old and new boards being present. The table was tastefully arranged with the college colors and it may be safely said that the maroon and white never blended more harmoniously with each other and with their surroundings. Full justice was done to the ample menu which was served in Frank's usual able style, the editors fully proving that even literary men do not live upon air. After the various courses had been fully discussed, the table was cleared and the company adjourned to the parlor. After a few songs they returned to the supper room and over the fruit and nuts abandoned themselves fully to the spirit of the occasion. The Goddess Nicotiana was invoked and under her potent influence the orators of the evening rose to bursts of eloquence of which they had not before deemed themselves capable. The exercises of the evening were ably conducted by the Toastmaster, Mr. Felt, and the toasts were all responded to in a pleasing and witty manner. When the formal toasts had been responded to, it was evident that the company were not yet satisfied and a number of impromptu toasts were proposed by the toastmaster and responded to by the other gentlemen. Several hours were thus pleasantly passed and when at last the company broke up it was with the feeling that they had spent a most enjoyable evening and fully rounded out the first year of AGGIE LIFE. The enjoyment of the occasion was somewhat marred by the absence of Mr. R. H. Smith, '92, who, because of illness, was unable to attend. He may be sure that his absence was sincerely regretted and that the thoughts of his comrades went out to him even in the midst of their festivities.

LESSONS FROM OUR ALUMNI LIST.

The alumni are the produce of a college and as such represent the practical value of the course of study pursued in the college to those who take it. When the compara-

tive merits of different college courses are to be determined, it is natural to seek the alumni list and find out what the graduates are doing in the world.

Every institution ought to be, and generally is proud of its alumni and hence nearly all colleges and similar educational institutions publish catalogued lists of its graduates, showing their occupation and other data which would be of interest. It is apparent that a college course can not insure prosperity to a man without any effort of his own, but it can assist him in bringing out and developing those traits of character which will determine, to a great extent, his success in life. And in so far as a course does this it will be advantageous to the student who takes it.

Any friend of this institution need not hesitate to show and refer to our alumni list when wishing to reflect credit to the college. As we begin with the first graduate and read down through the list we find men who, as a general rule, are making a success of life. Some are doing remarkably well and nearly all have promising futures before them. And not only is this true in those occupations which the college is specially designed to prepare for, but also in other lines of work which are generally supposed to be impracticable to graduates of an Agricultural college.

If, under the somewhat discouraging circumstances of its earlier years, this college has been able to graduate such men as we find among our alumni, what may we not expect as coming years shall bring better advantages to the student, from our future alumni. Every graduate that becomes successful in the occupation in which he enters is an advertisement which will materially benefit the college. It must be apparent to each student that he will be in some degree responsible for the welfare of the college, in that the influence of his Alma Mater shows itself to be beneficial to him or not.

If that class of people who suppose that the four years in this college are passed in learning how to "hoe taters an' sech like" and that the graduates are prepared only to make pretty fair farm hands, would take the pains to study our alumni list, they would be better prepared to say whether this course is beneficial or not to a young man than they apparently are at present. For they will find that while agricultural and kindred occupations are well represented, the graduates are by no means restricted to these, but have helped fill the ranks of nearly every profession, and en-

gaged in a great variety of occupations, successfully.

In conclusion, it may be safe to say that we are in no way ashamed of our alumni, and if we are so fortunate as to graduate from this institution, we will take our places in the ranks of those in whose footsteps we are following and enter life with head erect, conscious of being graduated from an institution of which we may be proud.

F. S. H.

AN ORCHESTRA AT M. A. C.

Having noticed a paragraph in No. 13 of AGGIE LIFE, devoted to the subject of an orchestra at M. A. C., I would like to add, "Why not!" Those of us who were at the college in '79 and '80 will, perhaps, remember the college orchestra of that time, and the members of that orchestra who may happen to see these lines will, doubtless, recall many pleasant hours passed in the old Chapel which was our place of meeting. With six or seven pieces, it did not take us long to form an organization which was kept up with unfailing interest until most of us bade good-bye to "Aggie," when for some unaccountable reason the classes coming after us allowed the whole matter to drop, and I believe it has never since been revived except in name.

We met about once a week throughout the college year, and as we were fortunate in having as members men who thoroughly enjoyed music, an absence was rarely noted.

Of course, with regular practice we all improved in our playing, both individually and as a whole, and I feel sure that we all experienced a great deal of pleasure and profit from our organization.

I take the liberty also to say that the noises we made were not too trying to the ears of the other students, and that, judging by the the audiences we drew at our rehearsals, our humble efforts were appreciated by the whole college.

Why cannot all this be done again? Surely a more profitable means of passing a leisure evening could not be found, and nothing need be said to those who would be eligible, concerning the real pleasure to be derived from it.

ONE OF THE OLD ORCHESTRA.

COMMUNICATION.

KOTO, JAPAN, March 14, 1891.

MR. E. P. FELT, Amherst.

My Dear Sir:—Your favor of Feb. 5th was duly received, and I have al-

so received through the Board's treasurer the \$58.01 for the student whom I selected after some delay, waiting to find a really needy and worthy one. This Mr. Sakata, as I may have mentioned, is in the theological course and will graduate in June next year. He is a diligent and faithful student, and I think there is every reason to hope he will do good work as a preacher. His family circumstances are such that he could not have remained in the school without this assistance, so the givers of the money may feel that their generous gift is used where it is needed and where it is pretty sure to do permanent good. I hope the students may feel inclined to continue their generosity, and I have no doubt another good student will be found for it after Mr. Sakata graduates.

I will ask him to write again after a time.

I am glad to hear so good an account of the college. We feel that Japan has much connection with it through the college at Sapporo. One of our teachers here was a student under Pres. Clark at that institution. Pres. Goodell was one of my teachers at Easthampton many years ago, and I should be glad to be remembered to him, though I fear he did not find me a very promising scholar in his departments.

Yours very truly,
D. W. LEARNED.

LAMENTA VIRGINES.

Now trembling hangs the setting sun
Above the Tiber's wave,
The beautiful red and gleaming gold
Shines on our city brave,
But blackness dense is on my soul
And dark seems life to be
For O, the gods, the cruel gods,
Have turned my love from me.

Clitus beloved, thy Roman maid
Loves on, and lives in grief.
'Tis only Death that pallid One
To her can bring relief.
My people pour libations forth
But I, I cannot pray,
For O, the gods, the cruel gods,
Have ta'en my love away.

PRAYER MEETING TOPICS.

April 30th—Does Sin Pay? Romans 6:21.
A. H. Kirkland.

May 3rd—Observance of the Sabbath.
Ex. 20:8. F. I. Parker.

May 7th—A Successful Missionary. Jonah
3:1-5. E. P. Felt.

May 10th—Value of the Gospel. Matt.
13:45-46. H. D. Clark.

AGGIE LIFE.

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WE publish with pleasure an article from an old alumnus, and it would be very agreeable to us all, if we could have articles from some of the alumni that we might insert in each issue, for our students always take a great delight in reading about the happenings at Aggie years ago. All graduates of M. A. C. have some pleasant recollections of their stay at Aggie, and these reminiscences would be very interesting to the present students. Let us have more communications that we may have a closer union between alumni and students.

WE rejoice in the fact that we have a paper in which we can express our thoughts. Forebearance may be the better way, but we cannot refrain from commenting on that disgraceful scene that greeted us last Sabbath morning, as we entered the Chapel. We are willing to uphold the students in everything that is just and right, but in justice to ourselves we are happy to say that the majority regard this as a very disreputable act, and have expressed great indignation at such proceedings. Jokes and tricks often occur in our college life, but to adorn the house of God with such ornaments is a serious affair. It is no joke. It is an insult to our pastor, a disgrace to our students, and it brings condemnation upon the persons who committed the deed. The strangers present at Chapel last Sunday morn must have thought the morality of the college was at a low ebb, if such acts were justified by all the students. May such a thing never occur again. We hope that the perpetrators will be brought speedily to justice, for such men are not needed in an institution of this kind.

A custom which was practiced on one or two occasions by classes since the foun-

dation of the college, and one which always meets with the hearty commendation of the faculty in general, was adopted by '93 on the recent Arbor Day. That is, the planting of a grove, to be used in future years for the delivering of class orations. The situation is about fifty feet west of old Chapel. All kinds of local shade trees were set out, the smaller ones on the outside, the larger generally occupying the central places according to their habits of growth. This is a practice which should be kept up in the future. It is not only a fitting observation of Arbor Day which is granted us, but it will become a source of great pleasure to the class in years to come. We earnestly hope that this grove will not share the fate of the one which was recently removed to permit the construction of a road. The work of a class in beautifying the grounds is holy to its members, and it should be thoroughly considered before any such step is taken.

THERE is an evil which has long been prevalent in college, and one which under existing circumstances is quite difficult to remedy. That is the distant social relationship between the student body and the faculty. A man seeing one of his instructors in the classroom only, forms an opinion of him. It may be a good one. But if he doesn't happen to like the branch, it is oftentimes a pretty poor one. The result of this is quite obvious. No interest will be taken in the study and a well defined enmity on the part of the student will finally ensue. He will take every possible opportunity of avoiding the unfortunate member of the faculty, both in recitation and out, and as a natural consequence, development of mental capacity will be slow. Occasionally we find a professor who never misses a chance of conversing with the students, and appearing as congenial as possible to them at all times. He is the man that, as a rule, gets along best with his classes, and makes the most progress in his department. However, more interest is taken in that direction by the students where such a course is taken than otherwise. Strictness of discipline must be observed in the classroom. There is no doubt as to that. But outside, the pleasanter the connections between the professor and student, the better will be the results at the end of the course and the more pleasure will the man experience in after life looking back on college days.

THE first few games of the season have been played and the college has had a chance to see about what kind of a team it is going to support this year. But it need not be thought that the playing in these games is a sample of what we are going to have later in the season. It is far from that, for with a few more practice games, our men will settle down more to their work, get over their nervousness, and play together more; three things which cannot be learned in the practice games with the second team, as the fellows will not put the proper spirit into them. But if we expect a good team this year, we must give the players the proper support. It is not supporting a team by going out on the campus to watch a game and abuse a player every time he makes an error or strikes out. The best of players make errors and a good many poor plays, and we cannot expect our team is going to put up an errorless game. The best way to help our team is to applaud every good play and say nothing when poor plays are made. When a man makes an error he usually gets nervous and is not likely to play as good a game afterwards, if everyone is talking against him. It is a noticeable fact that it is usually those who have never tried to play ball and have never played in a game, that do all the talking. It looks easy enough to play, but wait until you get out there and it is a different thing. But one thing the team does need, is waking up before the game. Take the last game with Amherst '94, for example. It was not until after the third inning when Amherst made those four runs that our fellows seemed to wake up. After those runs were made they fielded better, batted stronger and seemed to take an interest in the game, but they cannot do that way with every team, because they will meet teams that they will have hard work to beat and they cannot afford to give them four runs to start with. So now, boys, wake up, and play ball for all you are worth from the beginning of the game. Now one word as to the treatment of visiting nines. The freshman team came up here and played a good gentlemanly game throughout. They did not yell at our fellows or try to break them up, and yet that was just what was done to one of their players as he was about to catch a ball. It is all right to give the college yell when a run is scored or a good play made, but as for breaking up a man by hooting at him, it is disgraceful. We all want our team to be treated fairly when

it goes away; but we cannot expect it, if we ourselves do not give visiting teams good treatment. So after this let us do unto others as we would that they should do unto us.

GLEANINGS.

Did you go to the fire?

April 20, the Seniors appear with canes.

April 19, Jones of Pelham catches a fly.

M. H. Williams, '92, has returned to college.

G. E. Taylor, '92, has moved to Mr. Gilbert's.

J. B. Hull, '91, has returned after an extended vacation.

April 18, the Seniors had their pictures taken at Greenfield.

President Goodell resumed his duties last Monday morning.

Work is rushing at both the Farm and Botanic departments.

A. H. Kirkland, '94, spent a few days of last week at his home.

The Sophomores are having field work in surveying, this term.

Saturday being a legal holiday there was no inspection of rooms.

The Freshman and his botany can is a common sight now-a-days.

April 23, illness prevented Hoyt, '93, from attending recitations.

The fountain has been repaired and is once more in working order.

The D. G. K. fraternity is making a tennis court at its club house.

G. E. Taylor, '92, has been obliged to return home for a week or so.

C. S. Graham, '92, is at work collecting insects for Professor Fernald.

The Monson Academy nine practiced on the campus Saturday morning.

Professor Maynard has sold eighty thousand cabbage plants this season.

E. T. Clark, '92, was injured in the face by a wire clothes line at the recent fire.

A temporary bridge has been built over the brook which crosses the botanic path.

Details from the companies are having target practice when the weather permits.

E. D. White, '94, has gone to Sherborn, Mass., where he will remain for a short time.

Prof. S. T. Maynard has ploughed the strip of land north of the Stockbridge house.

The Commencement exercises will occur one week earlier, viz: June 7, 8, 9 and 10.

Mr. B. S. Ono, who has been taking a special course in chemistry, has returned to Japan.

John H. Kellogg, formerly of '93, was in town last week. It is reported that he will enter '94.

After a long delay the class games have finally been arranged, much to the satisfaction of all.

The band has been engaged to play at the opening of the new athletic field of Amherst College.

The directors of the reading room association have voted to assess a tax of sixty cents for this term.

The former board of AGGIE LIFE editors had their pictures taken at Lovell's last Saturday morning.

A. G. Eames, '91, was obliged to return to his home April 21 to attend the funeral of his grandmother.

The tennis court west of North College, formerly used by the D. G. K. fraternity has been abandoned.

We publish in another column a letter concerning the student that our Y. M. C. A. is supporting in Japan.

We can now boast of three nines, the college nine, the experiment nine, and the femi-nine at the Insectory.

Professor Maynard was out of town Saturday, looking up experiments in connection with the Hatch Station.

Our boys have started out well in baseball, and we hope they will keep up their record during the entire season.

President Goodell has gone to New London, Ct., to recuperate. We hope that he may be speedily restored to health.

The severe winter has had a bad effect upon the college lawns. In many places the grass has been completely killed.

W. A. Brown, '91, and H. M. Howard, '91, are surveying the land drained last fall preparatory to making a map of the same.

Lieut. Cornish delivered a lecture in the armory April 21. Subject: "The American Indian, as he is and as he should be."

Conundrum—If each class in college plays a game with each other class what will be the total number of games played?

April 21, an alarm of fire being given in town, a number of students started for the scene with the hose carriage but soon returned.

We omitted in our last issue to state that Mr. R. H. Smith was elected Junior director of the reading-room association, at the mass meeting held some time ago.

Games played:

Aggie, 9; Amherst '94, 3.

Aggie, 18; Amherst '94, 9.

Aggie, 25; Monson Ac'dy, 7.

Members of the battalion received an invitation to attend the competitive drill and ball of the Peabody Guards, M. V. M. in Springfield.

The April bulletin of the Hatch Experiment Station is edited by Professor Maynard and contains directions for the use of fungicides and insecticides.

The battalion has been reduced from four to three companies. The officers of the skeleton company are to fill the places of absent officers of the other companies.

The Sophomores observed Arbor day by planting a grove of trees west of the Old Chapel. The grove contains many choice varieties and in time it will be a delightful spot.

Teacher: "What is a synonym?"

Bright Boy: "It's a word you can use in place of another one, when you don't know how to spell the other one.—*Street and Smith's Good News*."

The following men from the Freshman class were chosen to speak before the Faculty April 29th: Alderman, Averill, L. H. Bacon, Brown, Curtis, Cutter, Gifford, Jones, Parker, Sanderson, G. E. Smith, and Walker. From this number four will be selected for the Kendall Prize Speaking at Commencement.

The following men from the Sophomore class spoke before the Faculty April 27th: H. D. Clark, C. A. Goodrich, E. C. Howard, F. S. Hoyt, A. E. Melendy, J. R. Perry, B. Sedgwick, W. H. Ranney, H. F. Staples, C. A. Smith, L. W. Smith. The following were chosen to speak commencement week: Perry, Melendy, L. W. Smith, Staples.

Next Saturday we play with Tufts College at College Hill and it gives all alumni in the eastern part of the state an opportunity to see the old maroon and white. Our nine is working hard and is confident of playing a good game, so it would be very pleasing to them if a large number could be present, and cheer them on to victory.

A glee club has recently been organized in college with Mr. H. D. Clark as leader and Mr. O. V. B. Lage, business manager.

The college has long felt the need of such an organization. The following are the members: First tenors, G. B. Willard, L. W. Smith, O. V. B. Lage; second tenor, G. O. Sanford, E. C. Howard, T. S. Bacon; first bass, H. D. Clark, H. M. Fowler; second bass, W. A. Brown, E. Rogers, S. B. Marvin.

The Natural History meeting which was to have been held the 20th, was postponed until the 21st. The meeting was called to order by the president. After the general business was transacted, a letter was read from H. M. Thomson upon the work of the Gypsy Moth commission, and of the possibilities of natural history work in connection with the other work of those employed. After this, followed a highly instructive and entertaining dissection by President Shores and his assistants, the subject being a fat spring woodchuck. All who went report an interesting time. The next meeting will be held May 4th.

SCHEDULE OF CLASS BASE-BALL GAMES.

Seniors vs. Freshmen, April 27th.
Juniors vs. Freshmen, April 29th.
Seniors vs. Sophomores, May 1st.
Juniors vs. Sophomores, May 13th.
Sophomores vs. Freshmen, May 15th.
Seniors vs. Juniors, May 20th.

After this series of games is played, the two upper classes will play the two lower classes.

CUTTING.

"Who is the best man
On the staff?"
Asked a maiden
Sweet and shy,
As she glanced adown
The columns of
The weekly college sheet.
The editor smiled
And winked his eye
At the fairy
Maid demure;
"The best man on
The paper? Why,
The scissors to be sure."

—Ex.

BASE-BALL.

The base-ball season was opened April 17 by a game with Amherst Freshmen. The game was called at 3.45 with Aggie at the bat.

1st inning. Willard took first on four balls and stole second, going to third on Crane's sacrifice hit. Paige hit to Flichtner who caught Willard on third and com-

pleted a double play. Ruggles hit to left field and stole second and third. Crane came home. Parker took first on four balls and stole second. Curley flied out to Cheney. For Amherst. Pellet flied out to Legate. Flichtner took first on a hit and went to second on a wild pitch by Crane. Cheney fouled out to Ruggles. Snell struck out.

2nd inning. Legate struck out. Howard was retired at first. Fletcher hit to Snell and got second on Snell's error, then stole third. Willard got first on an error by Lay, Fletcher scoring. Crane hit to Landis and was out. Landis went out Fletcher to Ruggles. Trask got first and second on Fletcher's errors. Breck went out Legate to Ruggles. Lay struck out.

3d inning. Paige flied out to Cheney. Ruggles was safe on first by Breck's error, and stole second. Parker went out Landis to Pellet. Ruggles went to third. Curley hit the ball for two bases bringing Ruggles home. Legate flied out to Flichtner. Wood hit to Howard and was thrown out at first. Pellet struck out. Flichtner took first on Curley's error. Cheney made a base hit. Flichtner was out trying to steal home.

4th inning. Howard hit for a base and stole second and third. Flichtner struck out. Howard scored on Willard's sacrifice hit. Crane flied out to Flichtner. Snell gets first on Legate's error. Landis makes a base hit, Snell going to second. Trask was out at first. Breck stole second, Landis scoring on an error by Legate. Lay flied out to Legate.

5th inning. Paige fouled to Lay. Ruggles took first on an error by Flichtner and was out trying to steal second. Parker flied out to Flichtner. Weaver was out at first, Pellet and Flichtner failed to find the ball.

6th inning. Curley flied out to Landis, Legate struck out and Howard fouled out to Pellet. Cheney and Snell strike out. Landis' hit for two bases and scored on Trask's single to centre field. Trask was retired trying to steal second.

7th inning. Fletcher got first on Landis' error and stole second. Willard flied out to Flichtner. Crane hit to Flichtner and was out at first, Fletcher scoring. Paige took first on a ground hit to Flichtner, stole second and third and scored on Ruggles' hit to centre field. Ruggles stole second and went to third on a passed ball, scoring on Parker's hit. Parker out trying to steal second. Breck was thrown out at first by Legate. Lay hit to centre for



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two bases, advanced to third on Weaver's
sacrifice hit to Ruggles. Pellet fled out to
Legate.

8th inning. Curley fled out to Landis.
Legate was thrown out at first by Landis.
Howard hit for one base and stole second
and third but was out trying to score on
Fletcher's hit to Weaver. Flichtner hit a
hot grounder to Crane and was out at first.
Cheney fled out to Legate. Snell struck
out.

9th inning. Willard took first on four
balls, stole second and was advanced to
third on Crane's sacrifice hit to Flichtner.
Paige was thrown out at first by Weaver.
Willard scored on Lay's error. Ruggles
went to first on four balls and stole second
and third, and scored on Lay's wild throw
to Breck. Parker hit for a base. Curley
fled out to Lay. Landis hit to Crane and
was out at first. Trask struck out. Breck
hit to centre field, stole second and was out
trying to steal third.

The feature of the games was the fine
playing of Flichtner and Landis for Am-
herst, and the battery work and batting of
Ruggles for the home team.

AGRICULTURAL COLLEGE.

	A	B	R	B	T	B	P	O	A	E
Willard, cf,	4	1	0	0	0	0	0	0	0	0
Crane, p,	5	1	0	0	1	10	0	0	0	0
Paige, c,	5	1	1	0	1	12	3	0	0	0
Ruggles, 1b,	4	3	2	2	8	0	0	0	0	0
Parker, rf,	4	0	1	1	0	0	0	0	0	0
Curley, lf,	5	0	1	2	0	0	0	2	1	1
Legate, 2b,	4	0	0	0	4	2	1	0	0	0
Howard, ss,	4	1	2	2	1	0	0	0	0	0
Fletcher, 3b,	4	2	0	0	1	1	1	1	1	1
Total,	33	9	7	8	27	16	4			

AMHERST, '94,

	A	B	R	B	T	B	P	O	A	E
Pellett, 1b,	4	0	0	0	9	0	0	3	0	3
Flichtner, ss,	4	0	0	0	5	4	0	0	0	0
Cheney, cf,	4	0	1	1	4	0	0	0	0	0
Snell, rf,	4	0	0	0	1	0	0	1	0	1
Landis, 2b,	4	2	1	1	1	4	0	1	1	1
Trask, lf,	4	0	1	1	0	0	1	1	0	1
Breck, 3b,	4	1	2	2	1	0	1	0	1	1
Lay, c,	3	0	1	1	5	0	1	1	5	2
Weaver, p,	2	0	0	0	1	5	2	0	0	0
Total,	34	3	6	6	27	13	9			

Innings, 1 2 3 4 5 6 7 8 9
Aggie, 1 1 1 1 0 0 3 0 2-9
Amherst, '94, 0 0 0 2 0 1 0 0 0-3
First base on errors—Aggie 5, Amherst '94, 3. First
base on balls—Aggie 3, Amherst '94 0. Struck out—Ag-
gie 3, Amherst '94 9. Two-base hits—Curley, Lay.

Wednesday, Apr. 22, the second game
with Amherst Freshmen was played, result-
ing in a score of 18-9. Both sides play-
ed a very loose game. If the third and
fifth innings were blotted out of existence,
the game would have been quite creditable
to the team. The players cannot afford to
get rattled in such a manner as they did in
these innings, when eight runs were allow-
ed to be made. Then again, the team did
no batting until the score compelled it.
Heavy hitting should be begun with the
first man at the bat.

AGRICULTURAL COLLEGE.

	A	B	R	B	T	B	P	O	A	E
Willard, cf,	6	0	1	1	5	1	0	0	0	0
Crane, p,	6	3	1	1	1	13	3	0	0	0
Paige, c,	6	3	3	5	10	1	0	0	0	0
Ruggles, 1b,	4	4	3	5	5	0	5	0	0	0
Parker, rf,	6	2	2	2	0	0	0	0	0	0
Howard, ss,	6	1	1	1	0	2	1	0	0	0
Legate, 2b,	5	1	1	1	3	1	2	0	0	0
Fletcher, 3b,	4	1	0	0	3	2	2	0	0	0
Barton, lf,	5	3	2	3	0	0	0	0	0	0
Totals,	48	18	14	19	27	20	13			

AMHERST, '94,

	A	B	R	B	T	B	P	O	A	E
Landis, 2b,	3	1	0	0	2	3	1	0	0	0
Flichtner, ss,	4	2	2	2	2	0	0	0	0	0
Lay, c, 3b,	5	1	1	2	6	1	2	0	0	0
Snell, rf,	5	1	0	0	0	0	0	0	0	0
Trask, lf,	5	2	0	0	1	0	1	0	0	0
Breck, 3b, p,	5	1	0	0	1	1	1	1	1	1
Emerson, cf, c,	4	0	1	1	4	0	0	0	0	0
Haskell, 1b,	4	0	0	0	11	0	3	0	0	0
Weaver, p, cf,	3	0	0	0	0	7	3	0	0	0
Wood, p, 1st of in.,	1	1	1	3	0	1	0	0	0	0
Total,	39	9	5	8	27	13	13			

Innings, 1 2 3 4 5 6 7 8 9
Aggie, 3 0 0 1 0 6 7 5 0 2-18
Amherst, '94, 0 0 4 0 4 0 0 1 0-9

First base on errors—Aggie 7, Amherst '94, 8. First
base on balls—Aggie 3, Amherst '94, 4. Struck out—
Aggie 3, Amherst '94, 9. Two-base hit—Ruggles 2, Bar-
ton, Lay. Three-base hits—Paige 2, Wood.

AGGIE, 25; MONSON ACADEMY, 6.

The third ball game of the season took
place at Aggie last Saturday with Monson
Academy, Aggie winning by a score of 25
to 6. The game was characterized by the
heavy batting of the Aggies. For Aggie,
Crane and Fletcher led at the bat and
Dewey and Sedgwick for Monson. The
first part of the game was played in a
driving snow storm, which made good ball
playing impossible. The game was called
at the end of the seventh inning.

AGGIE.

	A	B	R	B	T	B	P	O	A	E
Willard, cf,	5	2	0	0	1	0	0	0	0	0
Crane, p,	6	4	3	6	2	16	0	0	0	0
Paige, c,	5	3	2	2	13	0	0	0	0	0
Ruggles, 1b,	5	2	2	2	3	0	7	0	0	0
Parker, 3b,	6	2	2	3	2	0	1	0	0	0
Howard, 2b,	4	1	1	3	0	1	0	0	0	0
Barton, rf,	4	2	0	0	0	0	0	0	0	0
Curley, lf,	5	4	2	3	0	0	0	0	0	0
Fletcher, ss,	4	5	3	4	0	0	0	0	0	0
Total,	44	25	15	23	21	19	3			

MONSON.

	A	B	R	B	T	B	P	O	A	E
Rhoades, ss,	4	1	1	2	0	3	2	0	0	0
Sedgwick, p,	4	1	2	2	2	5	2	0	0	0
Ritter, 1b,	4	0	1	1	7	0	3	0	0	0
Warren, rf,	4	0	0	0	0	0	0	0	0	0
Dewey, c,	2	3	2	2	4	0	1	0	0	0
Converse, 3b,	2	0	0	0	2	0	2	0	0	0
Thayer, cf,	2	0	0	0	0	0	0	0	0	0
Hobbs, lf,	3	0	1	1	3	0	0	0	0	0
Amadon, 2b,	1	1	0	0	3	0	4	0	0	0
Total,	26	6	7	8	21	9	13			

First base on errors—Aggie 9, Monson 1. First base
on balls—Aggie 4, Monson 5. Struck out—Aggie 4,
Monson 12. Two-base hits—Crane, Parker, Curley,
Fletcher, Rhoades. Three-base hits—Crane, How-
ard. Umpires—Lebert and Munson. Scorer—Rog-
ers.

COLLEGE NOTES AND EXCHANGES.

The programs for Commencement at
Amherst are out.

At Dartmouth twenty-seven Juniors have
elected chemistry.

Harvard University athletic meeting is
to be held May 2nd.

Mr. A. A. Staggs is to train the Willis-
ton Seminary base ball nine.

The expenditures of Princeton's foot ball eleven was over \$15,000.

Twenty-two ball games have been arranged for the Brown University team.

Yale has been taxed this year for the first time. The amount of taxes is about \$40,000

Yale University received gifts and bequests to the amount of \$1,161,312 the past year.

The College of Physicians and Surgeons of New York intend to build a gymnasium in the spring.

Alexander, of Amherst, put the shot 37 ft. 10 in. at the athletic meet held at New Haven Mar. 21.

The Seniors and Juniors of the University of South Dakota have petitioned the President to resign.

The late P. T. Barnum has left \$40,000 to Tufts college to found a Barnum Museum of Natural History.

The Harvard freshman crew were swamped by a passing tug the first time they went out in a shell.

The Harvard Overseers have voted down the proposition of the Faculty to established a three years course.

Amherst's new catalogue just published shows a total of 3,319 alumni of whom one-third have been ordained ministers.

Yale and Princeton will play a championship game of base ball on the Manhattan field, New York city, on June 13th.

Leland Stanford university at Palo Alto, Cal., is to have a campus containing seventy thousand acres with seventeen miles of driveway.

The Legislature of West Virginia has made an appropriation for a new building for the scientific school of the State University.

Cambridge University students to the number of 1,400 have signed resolutions protesting against the admission of women to the university.

A telegraph line operated by scientific students at the University of Michigan, has two miles of wire and connects with the Western Union.

The Princeton Faculty have decided that no special student will be allowed to play on any university team until he has been in college two terms of one year.

All the Alumni of Wesleyan are being asked to vote on the question of changing the name of the college and to suggest any new name, if the change is favored.

Girls attending college at Columbia, Mo., pay, under mutual agreement, a fine of 25 cents each time they have a gentleman escort to whom they are not engaged.

The Faculty of Brown University propose to change the academic year from three terms to two. It also proposes to abolish the Senior vacation in the early summer on the ground that the example of idle seniors is pernicious to the rest of the college.

The undergraduates of Amherst have recently incorporated, under the laws of Massachusetts, the Amherst College Musical Association, the object being to obtain active sympathy from the alumni which it is hoped will result sometime in the endowment of a professorship of music in the college.

ALUMNI NOTES.

Edgar Gregory '90, visited in Amherst last week.

David Barry '90, visited the college last week.

Burt L. Hartwell '89, assistant chemist at the Mass. Experiment station has accepted a position as assistant chemist at Kingston, R.I., his duties to begin June 1st.

The marriage engagement of Prof. Clarence D. Warner, Professor of Mathematics at M. A. C., and Miss Estelle Tyler of Springfield, Mass. is announced.

MAILS.

Mail leaves college for P. O. at 1 P. M. and 7 P. M. on week days. On Sunday it leaves at 4-45 P. M. At the P. O. mails close as follows:

Boston.

7-45, 8-30, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.
New York, Western and Southern States.

7-45, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.
Northampton, Springfield and Western Massachusetts.

7-20, 10-15, 10-45 A. M.; 6-45 P. M.
Northern way, N. L. Northern.
8-30 A. M.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 1-30 to 3-30 each afternoon excepting Saturday and Sunday.

The college library will be open from 2 to 4 each afternoon, except Sunday, and from 6.30 to 8 each evening, except Saturday and Sunday. Also Sunday afternoon from 1 to 3.

President Goodell will be at his office from 2 to 4 P. M. every afternoon except Saturday and Sunday.

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AGGIE LIFE



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AGGIE LIFE.

VOL. I.

AMHERST, MASS., MAY 13, 1891.

No. 15

THE MOUNTAINS.

Behold the grand old mountains,
Like sentinels they stand,
To guard the peaceful valley
From foes on either hand.
With snow crowned peaks uplifted
Toward Heaven's eternal blue
They stand like giant watchmen,
Faithful, and firm, and true.

Beneath the mountain's shadow
The river lies at rest,
Reflecting like a mirror
Each battered rocky crest,
Though tempests wild may gather
Above the clouds they rise
And lift their towering heads aloft
To meet the angry skies.

For ages past, the mountains
Have guarded all beneath,
Oft decked in robes of ermine,
Or with the victor's wreath,
Where once the Indian wandered
And wild beasts sought their prey
We hear the hum of the work shops
In thriving towns to-day.

But still unchanged, the mountains
In silent grandeur rise
And lift their towering heads aloft
Unheeding to the skies;
Fit emblems of the majesty
Of Him who reigns above,
Of everlasting watchfulness
And everlasting love.

CORNELL UNIVERSITY.

The existence of Cornell University is due to the bounty given by the United States, and the financial and personal aid of Ezra Cornell. The Act of Congress granting public lands to the several states, for the establishment and support of colleges of Agriculture and the Mechanic Arts gave the state of New York about 990,000 acres.

On the 27th of April, 1865, the Legislature incorporated *Cornell University* and gave to it the income arising from the sale of these lands. An important condition, however, was that Ezra Cornell should give the University \$500,000 and that instruction be given in Agriculture, Mechanical Arts and Military Science. In addition to this gift he donated to the institution an additional two hundred acres of land, and buildings thereon, for agricultural purposes.

The University is situated upon a hillside near Cayuga Lake Valley in New York

State. It is several hundred feet above the lake level, and commands a view of the lake for miles, which with the beautiful scenery of the two large ravines surrounding the grounds makes it a most desirable place for the students and college. The grounds comprise about two hundred and seventy acres of beautiful territory, laid out in broad, shady avenues, lined with the greatest variety of growths, illustrating botany, horticulture and arboriculture, as well as furnishing beauty and grandeur to the country.

Scattered among this luxuriance are about thirty dwellings for the use of the faculty, as well as the scores of buildings used in the instruction and accommodation of the students. There are also at least a dozen museums, and as many halls and laboratories, each devoted to a special branch of science, a few large libraries for students' use and the University farm and gardens which are beyond description.

The college is controlled by twenty-three trustees, one of whom is the oldest male lineal descendent of the founder, also the principal members of the faculty, several state officers and the members elected by the state Legislative bodies.

Being a co-educational institution, women are admitted upon the same terms and conditions as men, but are furnished an entirely different course of study, and supplied with a separate habitation called Sage College.

The Physical training of the students is cared for by a professor of Physical Culture, and by aid of their first class gymnasium, many great athletes are produced. Although not high in college sports, it holds its own with other institutions of its size. It is through rowing that it has its greatest hold upon the athletic world, as it is far superior in this sport to any other college in the United States, and so much so that other colleges dare not compete with it. Athletics are controlled by an Association composed of trustees, faculty, alumni, and students through whom there has recently been purchased a fine athletic field of about nine acres, and a sufficient sum of money donated for its equipment and support.

The University is free from any distinction in religious belief, and consequently

the religious exercises are such as suit all denominations. Its Christian societies are numerous, and are supported by over one-half the students, although each religious denomination has its own student club, for Christian work.

Instruction is given in all the useful sciences of the day and a thorough education can be obtained in each. Connected with it are the schools of Law and Pharmacy.

There are at present nearly 1500 students of both sexes in attendance, and the number is growing rapidly from year to year, making it one of the finest institutions of its kind in America.

T. F. K.

THE INFLUENCE OF OUR FLAG.

It is a growing custom to have the United States flag floating over the many school-houses and institutions of learning in our land. This is a custom which might well be increased and maintained, for it educates loyalty and patriotism not by books but by the silent and ever stimulating influence of the floating stars and stripes.

A flag, no matter where seen, kindles in the breast a glow of patriotism and a thrilling love of country, which is the best safeguard for any nation.

Both old and young, alike, are made to rejoice at the sight of their country's colors. Without love of country, without loyalty and patriotism, there is no country, and nothing will kindle and increase these virtues as the sight of one's own flag, as it were, floating freely on the air.

In this college it is certain that it would require many times our number to take down the United States flag, when it is up, and in its place put up the flag of some other country.

It is indeed a most encouraging sign that our country's flag is waving over so many of our schools and colleges; it means a glorious country in the future, even more glorious than it has been in the past.

Now, considering the influence of flags would it not be a good idea to have our own college flag floating in its proper place? not but what the students of this college are all loyal, but I think if we could see our nation's flag floating above us as we go about our duties or are enjoying our sports

we would not only realize more fully the many privileges which this country affords us, but we would put more heart into our drilling, knowing that we are here preparing to protect that flag if it should ever be in danger.

H. G. S.

MY LAST DANCE.

"Are you going down to the dance to-night?
I think you had better come.
It's a lovely eve and the stars are bright
At the hall there'll be lots of fun."

"To tell the truth, I am awfully tired
And to-morrow's lessons are long.
If I don't keep up, I'll surely get fired
And that, you know, is wrong."

So alone I went to Masonic hall
Oh! that nice and cosy place,
'Tis there I've attended many a ball
And seen many a beautiful face.

Then, as I climbed the worn-out steps,
My ears caught echoes of the violin
And soon some pleasant people met,
Who kindly invited me in.

Of course, I quickly did accept
This courteous invitation kind,
But I did not quite expect
So many pretty girls to find.

I was introduced to a lovely girl,
Her name I do not dare repeat.
Her face and hands were white as pearl,
And those rosy lips, oh! how sweet.

The first we danced was the polka glide,
The next, I believe, was the lancers
And never before did I stand beside
So many graceful dancers.

Soon a drink of water we decided to get,
So quickly across the entry we went.
If any one asked me, I'd be willing to bet,
An hour in the alcove we quietly spent.

What I did at that time I hate to relate,
I'm so bashful, I don't like to tell,
However, keep quiet, and I'll try to state
Only a part which I recollect well.

She raised to me her blushing face
I bent and kissed her on the cheek,
(The memory of that time and place
Shall live with me for many a week.)

She kissed me once and once again,
Ah! can I ever—ever forget
The things that happened there and then—
But no—that scene is with me yet.

COLLEGE EXPRESSIONS.

Has it ever occurred to the student that wherever he may go he will always be recognized as a college student? Not so much, perhaps, from the culture which a college education is supposed to give a man as by the expressions and by-words which he inadvertently lets fall. Every college has its distinctive expression, and one well

posted in such matters can tell in a moment from what institution a man hails. One college has its particular form of gentlemanly "cussing", another has its special word to designate some familiar object, and still another is distinct from all others in the fact of using some expression of which the original significance may be entirely lost. At Amherst College, as long ago as Henry Ward Beecher was a student, an expression originated which, till within a few years was commonly used. Young Beecher used to practice on the fiddle, and at the end of every strain, would turn to his chum with "How's that, Eli?" and only the other day, that expression was heard from an Amherst student by the writer, although it is over fifty years since the graduation of Beecher.

Here at Aggie, we have very few such phrases, but occasionally a fellow breaks out with, "Oh! how about that?" or "Wall! what are you going to do about this?"

We have our "bolts" which in other colleges are called "runs," "slides," "freezes," etc., we have our pet names for certain of our loved professors, and these are characteristic enough of the college, to make one Aggie known to another wherever they may meet. Under this head might come the matter of college songs. Aggie is woefully deficient in this respect, we have only one, "North Amherst," and that is a class song rather than a college song. Is there not poetic ability enough in college to write the words and adapt them to some of the familiar tunes so that we can sit around the steps on the warm spring evenings and ring the praise of Aggie with our own songs and not have to borrow words from the song books of other institutions? Wake up, boys, and give us some good rousing Aggie songs, and when once we have the words, do not be afraid but that the boys will take hold, and make old Aggie's praises ring, with hearty voices.

E. C. H.

THE EDUCATION FOR THE FARMER.

About the first question which a farmer asks when he thinks of sending his son to the M. A. C. is, what good does it do for a farmer to obtain so much book learning? Would it not be better for him to get a more practical education on the farm of some good farmer? From us who are here or have been here the answer comes or, at least, should come, No. The young men

who come here are mostly from the farm, and have already had a great deal of practical work. What they now need is a greater knowledge of the science of agriculture, so as to broaden their intellectual powers and make them better fitted to enjoy life. The young men who come here, come at an age when their characters are being made and strengthened. Perhaps some may say that this is a disadvantage, because the young men may be led into temptation more easily, whereas if they stayed at home until they were older, they would not fall into these temptations. In some cases this is true, but in the majority of instances the college boy feels the responsibility that is placed upon him, and realizes that he must take care of himself and no longer lean upon others. In this way he gains self-reliance, his character is strengthened and he is able in later life to cope more successfully in the battles which are sure to come. The knowledge gained at college cannot be estimated in dollars and cents, it comes into play every day of our lives and as we associate with people who have not had the advantages which we have, the knowledge obtained by us is spread abroad throughout the whole country, and even departs from our shores and goes into foreign lands, there to work its subtle, yet powerful influence, and help to raise humanity to a higher sphere of action. When a young man leaves the common schools he has been taught things which are learned wholly from books. He needs an education that will teach him to look into Nature and see and understand her wonderful works, and this is what he gets here. From studying Nature, he is led into a closer communion with Nature's God. Bryant very beautifully expresses our love of Nature in the following lines: "To him who in the love of Nature holds Communion with her visible forms, she speaks A various language; for his gayer hours She has a voice of gladness, and a smile And eloquence of beauty, and she glides Into his darker musings, with a mild And healing sympathy, that steals away Their sharpness, ere he is aware."

If the M. A. C. did nothing but instill this love for Nature into the heart of every one of its pupils, it would do something which would lift humanity to a much higher level.

If anyone thinks for a moment that a college education is of no value to the farmer, let him look at the list of our alumni and see the positions which our graduates have been able to take. Then

on the other hand, look at those who thought that a college education was of no value and unnecessary, and the decision will be made at once that the college educated men are capable of taking the highest positions.

J. E. G.

TWO VERSIONS.

THE STUDENT.

How sad are the trials of a young student's life,
'Tis just steady study throughout the long day.

I would like much to get me a home and a wife,
And a place as an editor, drawing big pay.

I'm sure 'twould be fun just to sit still and write,
Scribbling this thing and that for the people to read,

What a snap I should have from morning till night,

And earn as an editor all things I should need.

THE EDITOR.

Oh, dear! with this worry and fret I am wild!
Oh, would I were living again as a child;

Or turning backward a space, be a student once more,

Enjoying wild frolics and lessons of yore.

To be sure the Profs would oft threaten, I know,

To eliminate some from the earth here below
When perchance during lessons a match happened to snap,

Or some youthful disciple was caught in a nap.

But still, spite of all, there is much to enjoy,

And I know I should like to be once more a boy,

Drop this hurry and fret of an editor's life,
And, entering college, forget worry and wife.

MORAL.

Whatever employment to you may be given

Whether student or editor, no matter what,
Just do your best always and try to improve,

And ne'er waste your time wishing for what you have not.

E. M.

CHOOSING AN OCCUPATION.

The majority of young men when they first enter college do not know what their life work is going to be, and it is a hard problem for them to solve. Some of them may perhaps have rich parents and do not need to think how they are going to earn their daily bread later on, but even those ought to have some preference among the different life works and decide what it shall be.

"What are you going to do when you leave college?" is a question which you have probably heard time and again, asked by one student of another, and the answer generally is, "I do not know."

Now, how shall we find out what occupation we shall like the best and for which we are best fitted? A man may come here with the idea that he will like farming, but after he has been in college a short time, he finds that he likes chemistry better than agriculture. If this be the case he should settle right down to work and throughout his college course should make the most of the chemistry that he gets here, so that he can go into some experiment station when he graduates, and work up to be a first-class chemist.

Again, if electives were in the curriculum and a person should enter college, he might choose such studies as would be the easiest to him, and on which he would not have to spend much study; but for all his easy study that man will not be satisfied with his college work in later years, and he will wish that he had taken such studies as would have been a benefit to him.

One does not know what occupation he is best suited for until he has had some experience in different lines of work, but after finding one for which he thinks himself well fitted, he should study on it and avail himself of all the chances which offer themselves to him, and by which he can better fit himself for that occupation.

A student at this college can find a great deal in the college library on almost any pursuit or occupation and many facts may be found there which would be of great help to him in his course of study. "But we do not want all theoretical knowledge," some one might say, and this is undoubtedly true; but look ahead a little further, after you have obtained theoretical knowledge, then go and put your theories into practice and learn by experience.

The number of hours of study has been shortened somewhat, in order to give the students more time to read, and this time should be spent in reading something that will be of some worth to them later on, and what will be of more worth to them than to get hints on their future work.

Do not be a Jack of All Trades and not have any particular branch well developed, but pick out some single branch, develop it and win your place in the world. Of course a person can not make up his mind in a minute what his trade shall be, and it would not be advisable to do so. For, if after he has chosen a certain branch and studied on it, he finds that it is not the one for which he is best fitted, his studying will have been a waste of time, and he will have to spend a number of years more per-

haps, in fitting himself for the branch which he ought to have chosen first.

So don't be too hasty in choosing but commence to think about it while you are young, and then you will be better prepared to answer the question when the time comes for you to do so.

H. B. E.

SONG OF THE BUGGERS.

DEDICATED TO THE GYPSY MOTH COMMISSION.

To be sung to the tune "We are all Noddin'."

We are all frightened, see us tremble,
We are all frightened, scared almost to death,
The Gypsy moth has come, and we fear he's come to stay,

Alas! and alas! and alas! a lack a day!
We are all frightened, shake, shake, tremble,
We are all frightened in the old Bay State.

A year ago they tried to kill him,
But he wouldn't die in spite of all their pains,
They gave him Paris green, the strongest ever seen,

But still he's alive to trouble us I ween,
So we're all frightened, shake, shake, tremble,
We are all frightened, scared almost to death.

We are all marching, left, right, forward,
We are all marching to fight the Gypsy moth.
We'll shoot him with a gun, and that you know is fun,

But when the farmer comes we'll scramble down and run,

For we're an army straight from Aggie,
And they pay us well to fight the Gypsy moth.

We have only just begun the battle,
But we'll bravely fight the fierce and bloody foe.
We'll eat the farmer's fruit, and his garden sass to boot,

And when we get a chance at the Gypsy moth we'll shoot,

And we'll all stay as long as they will pay us,
And we'll bravely fight the fearful Gypsy moth.

ALUMNI NOTES.

Dr. Austin Peters, '81, recently veterinarian to the Massachusetts Society for Promoting Agriculture, may now be found at 35 Congress Street, Room 23, Boston.

James T. Hutchings, '89, has severed his connection with the Germantown Electric Light Co., and is now working for the West End Electric Co., 31st Street and Girard Avenue, Philadelphia.

Edwin W. Allen, '85, married Estelle Perkins at Amherst April 2nd, 1891.

Asa F. Shiverick, '82 married Ruth Anna Hatch at Woods Holl, 23d of April 1891.

Matthew Courtney a non graduate of 1880 died at Brockton April 25, '91.

CHANGE OF ADDRESS.

William A. Macleod '76, Macleod Calver and Randall, Exchange Building, State street, Boston.

Dr. Austin Peters '81, 35 Congress St., Room 23, Boston Mass.

AGGIE LIFE.

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THE Editors would be very glad if the alumni would notify them of any changes of location, occupation, or other items of interest, concerning themselves or other alumni, so that we may make the *Alumni Notes* as complete as possible.

Boys, wake up! Those new burdles, shot, hammer, vaulting pole, etc., for field day have been here now for some time, and as yet, only four or five men are using them regularly. Remember, field day is not far distant, and it must be made a success.

THE proverb, "Give one an inch and he'll take an ell," is very applicable to a number of our students in the advantage they take of their library facilities. The library is for the use of every student, one as well as another. Because books are allowed to be drawn out for an indefinite time, it is not meant that a student can take out a large number of books at the beginning of the term and keep them until required to bring them in. Some, however, apparently think that the library exists for their own especial benefit, and, accordingly, when they have used a book all they wish, it is placed upon the bookcase, where it remains unmolested, until the close of the term. Such a practice is an injustice to the students at large, as well as to all patrons of our library. When a student has finished using library books, let him return them and thus give his fellows the privilege of consulting the same books, rather than depriving them of it. None of us would have our library privileges restricted, but such can only be the case if students persist in abusing them.

As the end of the year approaches, and reforms for the coming year are beginning

to take their places in the minds of the students, a reform suggests itself, which although it may seem trivial, is really of importance. The ordinary student body is a fairly developed book exchange. The work that one man needs and has not, is found on the shelf of a classmate or friend. Nothing exceeds the freedom of the borrower in asking for the loan, except perhaps, the freedom of the lender in granting it. This is well. Men may be, in this way, of the greatest help one to another. But this is not all. Weeks pass by and the lender forgets the circumstance; and when he needs his book, is ignorant of its whereabouts, and helpless in its recovery. I have in mind a friend who thus lent a book, valuable in itself, but more so because a present from Hon. Wm. E. Gladstone, and so impossible to replace, and in the manner mentioned above it was borrowed and never returned. We may not have books of such value as that one, but all of us have suffered to a more or less extent from this slackness among our fellow students. Let every one look over his library, and selecting such books as have been borrowed, return them to the owner. For while this matter is, to a certain extent, a point of honor, further than this it is a matter of common honesty. The saying of the wise man is too often reversed and the lender is the servant to the borrower.

A SHORT time ago rumors were current among the students, that before Commencement a permanent stone dam was to be put in at the point where the stream crosses Botanic path. Whether or not there was any truth in the statement is unknown. The scheme has been so much talked of in the last two years, and so little done to effect any such an end, that there is still room for considerable uncertainty. The grounds about the college buildings are very pretty, and are constantly kept in good order. But what an addition an expanse of water would be in beautifying the scenery! Those who went to Tufts college May 2, will certainly agree that the reservoir situated on the summit of college hill is a great attraction to the eye. Such a pond would be even more so here, situated in a valley where it could not fail to be seen, and it certainly would be enjoyed by all both summer and winter. Two attempts have been made to build a temporary dam in the winter to accommodate skaters in leisure hours. These have been quite unsuccessful, breaking away

almost as soon as the pond froze over. It should now be sufficiently evident that a stone dam is necessary to secure good results. Of course, such a construction would require money, but once completed the expanse would end, and satisfaction afforded the eye alone would pay large dividends.

IN the columns of some of our exchanges, we find space reserved for alumni contributions, and some, even, have an alumni editor, to whom all material from alumni is sent, and who arranges one or two pages of interesting matter for each issue. In these pages we find many very interesting articles upon foreign travel, experiences in our own country, and also articles upon topics of prime importance to the colleges themselves of which those papers are the organs. The alumni, as a body of men, having been through the course which their college affords; having gone out into the world to fight life's battles, are the most competent judges, as to whether the course furnishes cogent weapons for this great conquest, upon the result of which each man's happiness depends. Having this knowledge, they possess means by the proper use of which they can greatly benefit their *Alma Mater*. Now, this being the case should not every loyal alumnus strive to employ these means to the best of his ability? How? By imparting to the students, and to those over them, this knowledge as to the efficacy of the course for the end in view, and by making judicious suggestions for improvement either in the curriculum or management. The college paper is the medium through which these suggestions can be made. To come to the case in hand. What our alumni want is a realizing sense of their duty toward the college. Occasionally we have an article contributed by an alumnus, for which we are duly grateful, but why should we not have two or three columns by the alumni each issue? Perhaps it would not be well just at present to have an alumni editor, but we earnestly hope that they will avail themselves of the opportunity afforded, to aid, not only the college, but the college paper as well.

GLEANINGS.

—The Juniors and Sophomores play to-day.

—J. H. Kellogg, formerly of '93, has entered '94.

—The cannon are again to be seen on the campus.

—J. B. Hull, '91, spent the Sabbath at Springfield.

—The Juniors are now taking Ornamental Gardening.

—W. H. Ranney spent Sunday at his home in Ashfield.

—E. T. Clark, '92, spent Sunday at his home in Granby.

—The Juniors are having weekly debates under Prof. Mills.

—The Seniors have finished their course in Military Science.

—E. J. Walker had friends at the college last Thursday.

—President Goodell was obliged to be away May 6 and 7.

—Messrs. Shores and Hull have each purchased safeties.

—The Junior class had an examination in Forestry last Friday.

—Are we to have artillery and mortar drills, Commencement?

—Our band is improving and is certainly an honor to our institution.

—The fountain at the Botanic has been repaired and is now running.

—May 1, the Sophomores were defeated by the Seniors. Score 20 to 8.

—Considerable ice formed around the fountain on the night of May 4th.

—F. L. Arnold, '91, will enter the experiment station after graduating.

—Rev. Mr. Spencer, of Norwell, Mass, will occupy the pulpit next Sunday.

—Our base-ball team had a group picture taken at Hartford last Saturday.

—Friday, May 22, the Committees from the Legislature will inspect the college.

—The band now plays at dress parades. It is a great addition to the ceremonies.

—F. S. Hoyt and B. Sedgwick, both of '93, spent Saturday in Palmer surveying.

—We don't propose to be disturbed by a lawn mower at 5 o'clock every morning.

—April 29, the Freshmen defeated the Juniors in the class series. Score 14 to 9.

—The slaters have been busy on the roofs of the dormitories the last few days.

—The Amherst Freshmen were beaten by Williston last Saturday by a score of 26 to 6.

—We play Wesleyan on our own grounds next Saturday and a good game may be expected.

—The cadets who had unexcused absences were obliged to drill last Saturday morning.

—Some new apparatus has been purchased by the Athletic Association for use on field day.

—H. M. Howard, '91, and F. A. Smith, '93, visited Hoosac tunnel and Mt. Greylock last Saturday.

—Alumni and members of the Gypsy Moth Commission gave the nine a hearty welcome at College Hill.

—It is thought that the buds of our peach and plum trees were uninjured by the recent cold weather.

—The Address before the Y. M. C. A. Commencement will be given by Rev. John Bascom, D. D., LL. D.

—Why has the flag staff not been raised? During pleasant weather the flag should be displayed every drill day.

—Many of our students witnessed the game between Amherst and Williams at Blake field last Wednesday.

—Sunday, May 10, Dr. Walker exchanged with Rev. H. W. Lathe of the First Church of Northampton.

—The Juniors took a final examination in physics last Thursday. Hereafter that hour will be devoted to entomology.

—May 5, the Freshmen succeed in beating the Seniors in a seven inning game. Score 9 to 8. Two Freshmen have a bonfire in the evening.

—The hearing on the question between this college and Institute of Technology was continued from last week to Tuesday, May 12th at 9.00 A. M.

—We have received an album of Agricultural Graphics from the Secretary of Agriculture showing the value per acre of crops of the United States.

—The Sophomores and Freshmen will have no more rhetorical this term, thus allowing Prof. Mills to give more of his time to commencement speakers.

—The following men from the Freshmen class have been chosen to compete for the Kendall prize: C. L. Brown, A. C. Curtis, J. E. Gifford and F. I. Parker.

—The Wesleyans are very confident of success next Saturday, and every student should make it a point to be on hand and give a hearty cheer for the home team.

—May 6, a party of ladies and gentlemen from Virginia visited the college. They were under the guidance of Professors Brooks, Maynard and Warner, and inspected each department as thoroughly as time permitted.

—The members of the nine were hospitably entertained after the game by F. H. Henderson '93, at his home in Malden. All spent a very enjoyable evening with him.

—At a meeting of the Y. M. C. A., held May 7, the following officers were elected for the coming year: President, E. T. Clark '92; vice-president, H. E. Crane, '92; corresponding secretary, L. W. Smith '93; recording secretary, C. H. Barton, '94; treasurer, F. S. Hoyt, '93.

—Since the insertion of an editorial in this issue we have learned that the Athletic Association will hold no field day this spring, partly on account of the slowness of the carpenters in constructing the hurdles, etc., but more directly on account of the discouraging lack of interest shown by the college at large.

—A pamphlet has been compiled under the direction of the secretary of the State Board of Agriculture, by F. H. Fowler B. Sc. entitled, "Insecticides and their Application," for the information and use of the agriculturists and fruit growers of the commonwealth. It contains many good practical common sense articles and should be read by every one interested in fruit growing.

—At the regular quarterly meeting of the Board of Control of the State Experiment Station, held at the Station, April 14, the following matters of business were transacted: Mr. Wentzell was re-engaged as farmer of the Station; the quarterly report of the director was accepted; and it was voted that \$1,500 of the fund arising from the analysis of fertilizers be held in reserve for the ultimate purpose of building a storehouse for the station.

—At a special meeting of the State Board of Agriculture held at Boston, April 28, Secretary Wm. R. Sessions, Prof. N. S. Shaler and Representative F. H. Appleton were appointed as a committee to have charge of the work of exterminating the Gypsy Moth. It was voted to ask the Legislature for an additional appropriation of \$50,000 to carry on the work until next February. It was decided that the matter of abandoned farms be referred to the Executive Committee and Secretary with power to carry out the provisions of the act.

—The following men from the Senior class have been appointed to speak commencement: F. L. Arnold, Belchertown, The Farmer and His Country; W. A. Brown, Feeding Hills, The Power of

Thought; A. G. Eames, North Wilmington, Nature and the Nation; H. J. Field, Leverett, What Shall We Do?; O. V. B. Lage, Juiz de Fora, Minas, Gevaes, Brazil, What will be the effect of Reciprocity between Brazil and the United States?; H. N. Legate, Sunderland, The Farmer as a Citizen; W. C. Paige, Amherst, The Danger of Rapid Material Progress of the United States. H. N. Legate will represent the college at Boston University in June.

PRAYER MEETING TOPICS.

May 14th—Sons of God. Gal. 4:1-7;
Romans 8:14, 16, 17. E. H. Alderman.

May 17th—Pleading for Others. Gen. 18:23-33. F. J. Parker.

May 21st—Warnings of the Bible. 1 Cor. 10:1-12. H. D. Clark.

May 24th—Salvation a free Gift. John 3:1-22. E. T. Clark.

BASE-BALL.

TUFTS, 14; AGGIE, 4.

Tufts won the game May 2 in the first inning, by heavy batting and fine base running. It was the same old story. Our team didn't settle down to work the first few innings; however it was the first time they played off the home grounds this season, and best results could not be expected. For Tufts, Hayes played finely at short and Johnston made several fine catches in the out field. The features of the game for Aggie were Ruggles' good work at first, and the heavy batting of Curley. The score:—

AGGIE.										
A	B	R	1B	TB	P	O	A	E		
Willard, cf,	4	1	0	1	3	1	1	3		
Crane, p,	4	0	0	0	1	9	1			
Paige, (Capt.) c,	3	0	1	1	3	3	1			
Parker, rf,	4	0	0	0	1	0	1			
Ruggles, lb,	4	1	1	2	13	1	1			
Curley, lf,	4	1	2	3	2	0	0			
Hull, 3b,	3	1	0	0	4	2	1			
Fletcher, ss,	3	0	0	0	0	1	0			
Howard, 2b,	4	0	1	1	1	2	0			
Total,	23	4	6	8	27	19	8			

TUFTS.										
A	B	R	1B	TB	P	O	A	E		
Foss, (Capt.) 2b,	4	2	0	0	0	2	0			
Hyler, 3b,	5	2	1	1	0	2	0			
Martin, lb,	5	1	0	0	13	5	1			
Hayes, ss,	5	2	2	2	3	5	0			
Johnston, lf,	5	2	3	3	3	0	0			
McKenzie, p,	4	2	1	1	1	8	0			
Hollister, rf,	5	2	2	2	0	0	0			
Simonds, c,	5	1	1	1	6	1	1			
Fairley, cf,	5	0	0	0	1	0	0			
Total,	43	14	10	10	27	23	2			
Innings,	1	2	3	4	5	6	7	8	9	
Tufts,	7	1	4	1	0	0	0	1	0-14	
M. A. C.,	1	0	0	0	0	3	0	0	0-4	

Base on balls—Aggie 1, Tufts 5. Struck out—Crane 3, McKenzie 2, Hyler 1. Two-base hits—Ruggles, Curley. Umpires—Leuhert, M. A. C., '93.

TRINITY, 6; AGGIE, 1.

Aggie was beaten at Hartford Saturday by the Trinity college nine. The game was called at 3.30 with Trinity at the bat. At the end of the third inning, the score

was 2 to 1 in favor of Trinity. Aggie tried hard to tie the score at this point in the game but was unable to hit Hamlin. Trinity obtained 3 more runs in the fifth inning and 1 in the seventh. Both sides were unable to score in the last two innings. The game was characterized by the battery work of Hamlin and Graves for Trinity and the batting of Paige for Aggie.

AGGIE.										
A	B	R	1B	TB	P	O	A	E		
Willard, cf,	4	0	0	0	1	0	0	1		
Crane, p,	4	0	1	1	0	8	0			
Paige, (Capt.) c,	4	0	2	2	4	5	1			
Parker, rf,	4	0	0	0	0	1	1			
Ruggles, lb,	4	0	0	0	15	0	1			
Curley, lf,	3	0	1	1	0	0	0			
Hull, 3b,	3	0	0	0	1	1	0			
Fletcher, ss,	2	0	0	0	0	4	3			
Howard, 2b,	3	1	0	0	6	1	1			
Total,	31	1	4	4	27	20	7			

TRINITY.										
A	B	R	1B	TB	P	O	A	E		
Mallory, lf,	5	1	1	1	0	0	0			
Paine, cf,	3	0	2	2	0	1	0			
Dingwell, 2b,	4	1	0	0	6	2	0			
Graves, (Capt.) c,	4	1	2	3	8	2	0			
Thurston, ss,	4	0	0	0	1	5	2			
Hill, 3b,	4	1	2	2	0	1	1			
Muzzy, rf,	4	0	1	1	0	0	0			
Hubbard, lb,	4	1	1	1	12	1	0			
Hamlin, p,	4	1	1	1	0	8	0			
Total,	36	6	10	11	27	20	3			
Innings,	1	2	3	4	5	6	7	8	9	
Trinity,	0	2	0	0	3	0	1	0	0-6	
Aggie,	0	0	0	0	0	0	0	0	0-1	

First base on called balls—Crane 1, Hamlin 1. Struck out—Crane 4, Hamlin 5. Two-base hit—Graves.

AGGIE '94, 14; AGGIE '92, 9.

AGGIE '92.										
A	B	R	1B	TB	P	O	A	E		
Willard, c,	5	2	1	3	9	0	0	1		
Field, cf,	5	1	2	1	0	0	0	0		
Crane, lb,	5	2	3	1	13	0	2			
Fletcher, p,	5	0	3	4	0	9	2			
Lyman, rf,	5	0	0	1	0	0	0			
Emerson, ss,	5	2	0	2	1	3	1			
Rogers, 3b,	4	0	1	1	1	0	1			
Boynton, lf,	4	2	2	0	0	0	1			
West, 2b,	4	0	1	0	3	2	2			
Totals,	9	13	13	27	14	11				

AGGIE '94.										
A	B	R	1B	TB	P	O	A	E		
Parker, c,	5	4	2	4	8	3	0			
Barton, p,	5	2	3	2	2	9	2			
Dickinson, rf,	5	3	4	1	1	0	0			
Robbins, 2b,	5	0	0	0	2	2	1			
Davis, lb,	5	0	1	1	8	0	1			
Park, ss,	5	1	2	2	3	3	3			
Sanford, lf,	5	1	2	0	1	0	0			
Goessmann, 2b,	4	1	1	0	2	1	1			
Toole, cf,	4	2	3	2	0	0	2			
Total,	14	18	12	27	18	10				
Innings,	1	2	3	4	5	6	7	8	9	
Aggie '94,	3	2	1	0	0	1	0	0	9-14	
Aggie '92,	0	5	2	1	0	0	0	0	1-9	

Two-base hits—Parker, Davis. Three-base hits—Parker, Field. Double play—Park. Base on balls—'94 1, '92 9. Wild pitches—Barton, Fletcher. Left on bases—'94 3, '92 4. Struck out—Barton 5, Fletcher 8. Umpires—Hull and Paige. Scorer—Keith.

AGGIE '91, 20; AGGIE '93, 8.

AGGIE '91.										
A	B	R	1B	TB	P	O	A	E		
Hull, p,	5	3	2	1	2	10	1			
Paige, lb,	5	3	2	2	6	0	3			
Ruggles, c,	5	4	0	1	10	3	2			
Legate, 2b,	5	3	3	4	0	2	0			
Howard, cf,	5	1	0	0	0	0	1			
Carpenter, 3b,	4	1	0	1	2	0	1			
Magill, lf,	4	0	0	0	0	0	0			
Horner, ss,	4	2	1	2	1	1	1			
Field, rf,	4	3	2	3	0	1	1			
Total,	20	10	14	21	17	10				

AGGIE '93.										
A	B	R	1B	TB	P	O	A	E		
Howard, c,	4	0	0	0	7	3	2			
Curley, p, cf,	4	1	0	1	0	6	0			
Bartlett, ss,	4	3	1	0	0	1	1			
Davis, lb,	4	2	1	0	9	0	1			
F. A. Smith, 3b,	4	1	0	0	1	0	2			
Perry, 2b,	4	1	3	4	1	1	3			
C. A. Smith, cf, p,	4	0	0	2	1	2	0			
Staples, lf,	4	0	1	1	1	1	1			
Tinoco, rf,	4	0	1	1	0	0	0			
Total,	8	7	9	21	14	10				



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H. A. UTLEY, Manager.

Innings, 1 2 3 4 5 6 7 8 9
Aggie '91, 3 0 0 9 2 1 5 —10
Aggie '93, 1 0 0 2 1 1 4 —8
Two-base hits—Hull, Paige, Ruggles, Field, Carpen-
ter, Davis 2. Three-base hit—Davis. Base on balls—
'91 3, '93 6. Base on dead ball—'91 1, '93 3. Passed balls—
'91 5, '93 3. Wild pitches—Hull 5, C. A. Smith 2. Struck
out—By Hull 9, Smith 2, Curley 6. Left on bases—'93 6.
Umpires—Dickinson and Crane. Scorer—Keith.

AGGIE '94, 9; AGGIE '91, 8.

AGGIE '91.										
	A	R	R	I	B	S	B	P	O	E
Hull, p,	4	2	2	2	2	1	7	5	0	0
Paige, c,	4	2	1	2	2	5	5	0	0	0
Ruggles, 1b,	4	2	1	1	8	0	0	0	0	0
Logate, 2b,	4	0	0	0	2	0	0	0	0	0
Howard, cf,	3	0	0	0	1	0	0	0	2	1
Carpenter, 3b,	3	1	0	0	0	0	0	0	0	1
Magill, lf,	2	0	0	0	0	0	0	0	0	0
Homer, ss,	3	1	2	1	1	1	1	0	0	0
Field, rf,	3	0	2	1	0	0	0	0	0	0
Gay, lf,	1	0	0	0	0	0	0	0	0	0
Total,	—	8	8	8	18	13	—	7	—	—

AGGIE '94.										
	A	B	R	I	B	S	B	P	O	E
Parker, c,	4	2	1	1	6	0	0	0	1	1
Barton, p,	3	1	2	2	0	9	0	0	0	0
Dickinson, rf,	3	1	1	0	0	0	0	0	0	0
Robbins, 2b,	3	0	0	0	0	0	0	0	0	0
Davis, 1b,	3	2	0	1	9	0	0	0	0	0
Park, ss,	3	1	1	1	0	0	0	0	4	2
Sanford, lf,	3	0	0	0	0	0	0	0	2	2
Goessmann, 3b,	3	1	1	2	4	0	2	1	0	0
Toole, cf,	3	1	1	0	2	1	0	—	—	—
Total,	—	9	7	7	21	10	9	—	—	—

Innings, 1 2 3 4 5 6 7 8 9
Aggie '91, 2 1 1 0 3 1 0 —8
Aggie '94, 0 7 1 1 0 0 —9
Two-base hits—Rugles, Davis, Three-base hits—
Paige, Robbins. Base on balls—3 each. Base on dead
ball—1 each. Left on bases—'91 2, '94 1. Struck out—
By Hull 3, Barton 5, Umpires—Lenhart and F. A. Smith.
Scorer—Keith.

LAVOISIER.

It is not necessary for us to look out
side of our own national boundary for men
who have reached eminence in the sciences,
but sometimes it is well to obtain a knowl-
edge of what men have accomplished, in
former times in nations older than ours,
not only for the historical interest of a
science, but that we may obtain a knowl-
edge of the men themselves.

Especially is this true of Lavoisier; in-
deed the history of chemical science would
be very incomplete, should the name of this
illustrious philosopher be left out.

We might say perhaps without over es-
timation that Lavoisier was to the science
of chemistry what Washington was to our
country, not but that due credit should be
given to such men as Block, Priestly, Cav-
endish and others, who made known many
facts upon which the science of chemistry
is built, but making use of their results
with those of his own Lavoisier did much
to lay the foundation of modern chemistry.

Lavoisier was born in the city of Paris
in 1743, and was the son of a man possess-
ing considerable wealth. He was well ed-
ucated receiving a thorough mathematical
and physical training, and early showed a
taste for scientific investigation. We find
him soon verifying statements made by
those before him and in all of his research-
es he shows himself to be a zealous student
and a devout scientist.

It was thought by many that water when
heated was converted to earth, and it be-
came an object of Lavoisier's earliest in-
vestigations. To obtain the truth, he heated
water in a close vessel over one hundred
consecutive days finding the weight of the
vessel to be the same at the end of the ex-
periment, as at the beginning, which
proved that no change of the kind had
taken place. Such was his earnestness
that he spared no pains in order to obtain
the truth and the results indicate the ex-
actness in his methods. It was the sys-
tematic operations which he pursued, with
his keen observation that gave him such
success as a scientist. To relate in detail
what he did for the science would not be
an easy matter, but we may say, to him is
due more than to any one else, the found-
ing of chemistry as a scientific study.

Many charge Lavoisier for taking honors
upon himself for discoveries made by
others. This may be true, but he made
use of such discoveries for the advance-
ment of the science. Lavoisier appears
not to have neglected social and political
affairs, but his life as a scientist is best
known, and interests us the most. In read-
ing the life history of such scientists as
Lavoisier, the student will find many desir-
able qualities worthy of his consideration.
F. J. S.

COLLEGE NOTES.

A mock town meeting was held by Am-
herst students May 4.

Mt. Holyoke college has started a new
paper called the *Pastel*.

The roof of the new gymnasium at Yale
is to be entirely of glass.

The juniors of Ohio Wesleyan banquets
the senior class every year.

Seven of Princeton's '90 base-ball team
are training for their old positions.

Among Dartmouth's alumni are to be
found thirty-seven college presidents.

Union college has received gifts aggre-
gating over \$200,000 during the last six
months.

Foot-ball in any form has been strictly
prohibited by the University of Heidelberg,
Germany.

The senior class of Wesleyan have voted
to abolish class day exercises of commence-
ment week.

Brown has been presented with the gift
of an astronomical observatory from Gov-
ernor Ladd.

The Italian government has ordered English to be added to all the courses of all the colleges.

Bowdoin and Colby have founded a dual league. The title is the Maine College League.

The average age of students entering college is seventeen. A century ago it was fourteen.

The Ohio State University will hereafter receive from the state an annual appropriation of \$100,000.

The average Wellesley student is five feet two inches in height and weighs one hundred and nineteen pounds.

The twenty-fifth anniversary of the founding of the *Amherst Student* was celebrated by a breakfast May 6th.

A base-ball nine composed of graduates of Yale, Harvard, Princeton, Columbia, and Michigan is among the novelities at Japan.

The Faculty committee of Dartmouth have cancelled the date of the base-ball game with the University of Vermont at Burlington.

A movement is on foot to hold an inter-collegiate regatta on Lake George next summer, to be open to all colleges except Harvard and Yale.

The advisability of introducing military contests into the list of college sports is now being discussed by some at the University of Virginia.

The Bowdoin juniors have decided on June 4 and 5 as the dates for ivy and field days respectively. They will wear caps and gowns ivy day.

The dedicatory services of Pratt field at Amherst, have been postponed on account of the death of Charles Pratt father of Frederic B. Pratt the donator.

At the games of the college of the city of New York, on May 2nd, the world's record, 61 $\frac{3}{4}$ sec., for the 440 yards, was lowered to 58 $\frac{3}{4}$ sec. by E. L. Sane.

The students of Sheffield Scientific School are to form a military company, to be instructed by Lieut. C. A. L. Totten, U. S. A., the government attaché of the school.

Columbia has purchased 20 acres of ground, for a new athletic field, at an expense of \$80,000, and will spend from \$20,000 to \$25,000 in fitting it up. A grandstand to accommodate 5,000 people will be built and there will be room for 200 carriages about the athletic field. The ground is at Williamsbridge, thirty minutes from the Grand Central depot on the New York and Harlem railroad.

There will enter the class of '94 at Princeton next year a gentleman 53 years of age. During the civil war he was in his sophomore year, and then volunteered. He now intends to return and complete his course.

Last fall some of the students of Middlebury college Vermont, made a raid on the chapel and destroyed the hard wooden benches. The faculty had the chapel renovated and gave the students soft cushions to sit on.

The faculty of Boston University has voted to allow work on the college paper, *The University Beacon*, to count as hours in the course, allowing four hours per week to the managing editor and two hours per week to each of his assistants.

The Northwestern University announces a new departure. It is that fifty-one full new scholarships will be created, corresponding with the senatorial districts of Illinois, and the state senator from each district will have the right of nomination to a scholarship.

The faculty at Cornell are determined to root out the practice of "cribbing," in examinations if such a thing is possible. As a result of investigations upon the recent examinations six students have been suspended for dishonesty, and it is possible that others may follow.

MAILS.

Mail leaves college for P. O. at 1 P. M. and 7 P. M. on week days. On Sunday it leaves at 4-45 P. M. At the P. O. mails close as follows:

Boston.

7-45, 8-30, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.
New York, Western and Southern States.

7-45, 10-15 A. M.; 4-00, 6-45, 7-45 P. M.

Northampton, Springfield and Western Massachusetts.

7-20, 10-15, 10-45 A. M.; 6-45 P. M.

Northern way, N. L. Northern.

8-30 A. M.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 1-30 to 3-30 each afternoon excepting Saturday and Sunday.

The college library will be open from 2 to 4 each afternoon, except Sunday, and from 6.30 to 8 each evening, except Saturday and Sunday. Also Sunday afternoon from 1 to 3.

President Goodell will be at his office from 2 to 4 P. M. every afternoon except Saturday and Sunday.

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AGGIE LIFE



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AGGIE LIFE.

VOL. I.

AMHERST, MASS., MAY 27, 1891.

No. 16

THE AMERICAN FARMER AS A MANUAL LABORER.

Agriculture is of primary importance to a nation's welfare. It was the first regular occupation of man, and to-day a large part of the population of our nation are agriculturists, directly or indirectly. It cannot die out; it must and will go on. We see that the way for the library and the lyceum, the school-house and the meeting-house is prepared by the prosperous industry on the cultivated farm. As young men leave the farm to go into other departments, they find that they must be educated; educated for whatever profession or business they may desire to take up. So much the more must the farmer educate himself. It is the popular idea that anyone can become a farmer; but nay, it is a sad mistake. It is the lack of intelligence on the part of the farmer which tends to keep him down. It is one of the greatest causes in the decline of agriculture.

The farmer, the American farmer, must educate himself. Fifty or so years ago the belief was that the farmer required little except a strong, physical frame and a well-developed muscle, but now, as a great change has taken place, it should be understood that as much intelligence is required in farming as in any other business. It has been said that it required more brain work to manage a well equipped farm than to govern the United States. The President can call to his assistance his legal advisers, but the farmer, isolated and alone, must depend on himself. It is true, the farmer may receive aid from the Agricultural Colleges and Experiment Stations, to develop science, which is power, to explain its adaptation to agriculture, theoretically, but to apply this power successfully to practical agriculture he has got to use a large amount of brain force.

It is more brain work and less manual labor that is needed. Who is the American farmer? "He is an American, possessed of a strong body, individuality of character and a strong will power, capable of self-government, due to his great power of resistance and executive ability.

He stands at the head in relation to agriculturists of other nations. In the other nations we see the farmer merely a peasant. For instance, in Mexico we find

everything to be asked for; delightful climate, scenery ranking with the grandest on the globe. Why has she not drawn ambitious emigration and outstripped us in prosperity. It is simply because her farmers are peasants, a dependent lower class. This is also seen in many of the European nations. The American farmer is an independent "middle class," in respect to his social standing.

After a thorough investigation concerning the condition of the American farmer, we conclude that he has not properly educated himself. To compete with those who are sufficiently intelligent, to supply the market with the improved products, it is necessary that he receive a better education; without such intelligence it is difficult to make farming pay. To become a thorough entrepreneur, he must study into his business, know every point, in order to produce his products at the smallest cost; he must study the various markets; choose that which seems best adapted to his business, in order to get the highest possible price; he must study into the tastes of the people, in order to put up his products in the most salable and taking style, to get the first class trade. He must choose that branch of agriculture for which he has a taste and is best adapted, as well as investigating into the character of the soil of his farm, and to learn whether it will be adapted to that branch of farming which he has made a choice. To keep himself posted concerning the market reports and the agricultural topics of the day, as well as the transaction of the state and national governments, he should read some of the thorough-going, farming and political papers of the day.

He must travel, visiting some of the best farmers; get the ideas of his fellow farmers. In this way he can gain the experience of others. By the failure of one man, he may be able to receive some benefit. His work should be planned out before commencing. If this is done, the spring work can be commenced at the proper time and continued without delay. By a study of the various meteorological records, which vary but little from year to year, he can get the average number of unpleasant days. Such knowledge will be of vital importance to the farmer in making up his plan. The

work should be laid out in a systematic way. System is a key note to success. We do not see these great mercantile houses in our large cities work in a disorderly way, but the business is carried on systematically. It is just here, where we find one of the farmer's failures. He fails to work on a firm foundation, as it were. His business qualifications are limited. Ask most any farmer how his business is; too often he will tell you, "Farming does not pay." He does not know whether farming actually pays or not, for the simple reason that he never keeps an account of his business. Many keep a simple cash-book, but that is too often improperly kept. It is necessary that he keep a set of books to know his financial standing at the end of each year; then if he has failed at any point in his business, he can amend it the succeeding year. The farmer's business is closely connected with other departments of the business world.

He furnishes the raw material for the manufacturers; he is the customer of many of the products manufactured; he feeds the people of our country. It is upon him the wealth of the nation depends. It would be for the best interest of the farmer to be more closely related to men of other business departments, by co-operating with the manufacturers and wholesale dealers, doing away with the middlemen, or, at least, transact business in such a way as to have the middlemen serve the farmer, which is their proper duty, and not the farmer serving the middlemen. The farmer has succeeded well as a producer, but as an exchanger, he has been at the mercy of the middlemen. There should be mutual relationship between the manufacturer and the farmer.

It is by study; by more brain work that the farmer is going to overcome these difficulties. He is then bound to be heard and respected by all men. He is bound to meet with success. I can do no better than to quote these words, to show what business methods will insure success:

1. "Main or cash crops suited to soil, market, labor and tastes of the owners.
2. "A perfect system. Head work instead of heel work. Plans formed before work begins, not afterwards.
3. "Every waste utilized. Stock, labor and tools—all—save something.

4. "Organization. The possibility of doing business enough to avoid all the middlemen's profits.

5. "A natural growth. Always moving forward, but never getting too far into deep water. Know what you are about."

Is there any better advice for a young farmer anywhere?

The farmer says he has no time to read, hardly time to think; too much work to do. That is the very reason why he does not have any more time. If he would only put his whole soul into his business; study into it and find out the difficulties and remedy them, then his work could be more easily accomplished; hence more time for the intellectual part.

Therefore, it is higher educational qualifications and systematic, business-like methods of farming together with thorough planning at the proper time, which will lead to success, and advance the farmer to a higher stand both in the social and business world:

If a farmer tries to set a good example to his hired help, by digging as fast as his strength will permit on one part of his farm, others will be suffering for want of his attention. It is not possible for him to do as much hard work as his best man and at the same time keep himself informed of the best time to do everything. The question has been reversed; the farmers have no time for so much manual labor. The time has come when the farmer must spend a considerable portion of his time in close observation of the growing crops, and give much thought to the maturing of plans for working the farm with the greatest economy and largest profits.

A. H. S.

VISIT OF THE LEGISLATURE.

During the latter part of last week the committees of Agriculture, Education, and Military, of the State Legislature inspected the college in all its departments. The party arrived at Amherst early Thursday night. Late in the evening Pres. Goodell gave them a reception at his residence, at which the members of the Faculty were present. On Friday morning before turning over the college to the committee Pres. Goodell made a strong appeal in behalf of the wants of the college. There is urgent need, he said, for the dividing of the chairs of Botany and Mathematics and also for increased facilities in Chemistry and English. In speaking of the question at interest between this college and the Institute of Technology he said that the federal

appropriation was for further education in Agriculture and Mechanic Art. This college is the only state institution teaching Agriculture and Mechanic Arts, and consequently she is entitled to the appropriation. After chapel the committee went through the museum paying especial attention to the models, thence to the tower where Prof. Warner explained the workings of the meteorological instruments.

At 9-30 dress parade was formed on the campus and was followed by a short battalion drill. After the military exercise the committees inspected the several departments of the college, beginning at the barn, then, taking in both experiment buildings, where considerable interest was created, they came to the Botanic Department, the gardens of which they viewed from the top of the hill. They then looked into the systems of work carried on at the Insectory and found it one of the most fascinating features of the college. As a result of their inspection there was not a man on the committees but who expressed himself most favorably in regard to the work of the college, each one being impressed with the thought that the Mass. Agr'l College is a working college, and that its teachings include the practical part of education as well as the theoretical.

A GREAT FRENCH AGRICULTURALIST.

The subject of this article, M. le Comte Adriea Etienne Pierre de Gasparin, was born at Orange, France, June 29, 1789.

After a short military service, he retired into private life to the delightful study and practice of scientific agriculture in which he was destined to become one of France's most distinguished writers and leaders.

His writings soon attracted the attention of the Institute of France and of several other learned societies by whom some of his dissertations had prizes awarded to them, or were *couronnés*.

In 1830 he was made Prefect of the Loire, later of Isere, and still later of the Rhone. In these high positions he distinguished himself by his firm and energetic management. By a decree of April 19, 1834, he was raised to the peerage, continuing the administration of the Rhone prefecture, till his appointment as Under-Secretary of the Ministry of the Interior, the cabinet position of the Interior falling to him Sept. 6, 1836.

Although not a brilliant parliamentary debater, he directed his department with ability and fidelity, introducing needed

reforms into hospital, alms-house, and lunatic asylum management and into prison discipline. To this philanthropic and energetic statesman France owes the suppression of the convict chain, that relic of barbarism. Condemned criminals, before his time, when taken to prison had chains attached to their necks, and these fetters were linked to a longer and heavier chain which served to confine a row of about thirty prisoners. M. de Gasparin altered this vandal system to the more humane and simpler one of conveying convicts in carriages to their place of detention.

This distinguished man became in 1840 member of the Institute of France and in 1848 director of the newly founded Agricultural Institute of Versailles in which congenial position he hoped to found and organize a great system of agricultural education. Vain hopes! They were sadly disappointed by the promulgation of a government decree which suppressed the Institute. In 1855 the subject of this article was named chairman of the jury for agriculture in connection with the International Exhibition. A few years afterward, in 1862, his death followed, hastened, no doubt, by his arduous efforts in that office and as member of the Institute of France.

This eminent agriculturalist, whose greatest work a "Course of Agriculture, treating of soils, manures, improvements, tools, apparatus, machines, rural dwellings, meteorological phenomena, modes of culture," etc., [Paris, 1843-49, 5 vols.] would alone have made him celebrated, was the author of many other minor dissertations wherein are considered many of the most important subjects relating to agriculture. He was one of the most learned as well as one of the most progressive agricultural writers of his day. He was one of the first to look at farming from the double aspect of physical and natural science on the one hand, and of economical truth (such as capital, labor, markets, and kindred topics) on the other, one of the leaders of the great modern School of Scientific farmers, represented so well by our college and similar institutions.

A great son of this great sire was M. le Comte Agéna Etienne de Gasparin, one of the most distinguished religious (Protestant), political, and literary leaders of France.

We are indebted for the above facts to "le Dictionnaire Universel of Pierre Larousse" and to "la Nouvelle Biographie générale" published by Firmin Didot Frères.

W. B. C.

COMMUNICATION.

DEAR EDITORS:—As some of your readers are, perhaps, thinking of joining the ranks of the Gypsy Moth army they may like to know something of its organization and work.

The word "army" was applied first, I think, by the newspaper men, and as if to further carry out the ideas the writer at one time received an order from the Director to allow Mr. ——— to report to the office at noon "as he had been detailed for duty in the experimental squad." Quite military was it not?

When we first came here everything was to be accomplished in the way of organization and discipline. But now, owing to the hard work of the director and two or three of the superintendents, the work is being done and the details are arranged for in a good business-like manner, which means in this case a certain amount of red tape.

As now arranged the work is in charge of the Board of Agriculture who, as you know, appointed Mr. Sessions, Prof. Shaler, and Mr. Appleton to oversee the work. They selected Mr. Forbush for director. Under him are the superintendents of whom there are about six, each having charge of one or more towns.

Next in order are the inspectors, some of whom are foremen and some scouts. Then come the men, drivers, etc. There are besides three or four clerks and an entomologist.

The men wear blue badges, the inspectors red ones and the superintendents white ones. All are inscribed thus: Mass. Board of Agriculture, Gypsy Moth Department and on the red and white ones the words "Inspector," and "Superintendent" are added respectively. Moreover the superintendents have their badges fringed probably because they don't do work enough to soil them.

The work we are at now is spraying trees with paris green. Each inspector has a barrel mounted on a one horse cart of some kind. To the barrel which holds about one hundred gallons of water is attached a pump and four hundred feet of hose in two lines of varying lengths. To work this we have four men and the driver. Carrying the hose up trees is the hardest part of the men's work in spraying. But working the pump is no snap. A man who is afraid of, or unable to work is of no use.

Some of the duties of the inspectors during spraying are as follows. He must see that the men wear their badges in a conspicuous place and do not smoke during working hours. He must go to the stand-pipe when the tank is filled and take the time of going, personally mix the paris green, direct where to station the cart, look out for the kinks in the hose, see that windows are shut, no clothes exposed to the spray, no one sprinkled while passing by, watch the men spraying to see that they do it thoroughly, watch the men at the pump to see that they keep the stirrer going, see that sprayed trees are marked, and if the men are busy, help set ladders, carry hose, and do lots of other things besides making out his daily report, keeping the time of his men, etc. So you can judge whether he has a snap or not. Besides all this, new and contradictory orders are issued every other day or so.

The men get \$1.50 per day for the first two weeks and then \$2.00. They put in nine hours at whatever place their work may be, besides coming and going. There are, I think, about one hundred and eighty men on the force.

There is probably an idea that we college fellows are running this business. Such is not the case. We are simply foremen, as are fifteen or twenty other men who are not college men. There are three or four Aggie alumni here, but, I think, that with one exception, they started as men at \$1.50 per day and worked up.

Being students is, to a certain extent, against us. Men do not like to be bossed by "boys."

In considering the financial part of the question our pay is not very large. Board and lodging cost from \$4.50 to \$5.50 per week, and with all the extra expenses for car fares, etc., there is no danger of our becoming Vanderbilts from this job.

It takes all our time, leaving us so tired at night that we cannot study or do much of anything else.

Although we have many amusing experiences with people, it is not exactly a pleasure to invade a man's premises against his will, and know that he would kick you out if he was able.

I will not worry your patience further with this subject, as I think I have written enough to show you that whoever tries to be a "bugger" must come prepared to work and work hard.

F. L. G.

SPRING AT M. A. C.

As the spring-time's warmth relieves us
From the winter's bitter cold,
We rejoice to see it coming,
Coming softly as of old.

It must cheer the heart of Freshman,
For he thinks within himself,
"Now I'll loose my coat of verdure,
Now I'll lay it on the shelf."

"For some other little Freshman
Who will take my place some day,
And whose life will be a burden
Should he venture in my way."

But the Sophomore's thoughts are different,
Different, it is very clear,
For he's thinking, nearly always,
Thinking of his Junior year;

When he'll guide the feet of Freshmen
In the paths they ought to tread,
How he'll lead them on the campus
As they never yet were led.

But to the present Junior
As he drives the bugs away,
Spring is but a silent warning
Of his graduation day;

For soon he'll be a Senior
With but one more year to stay,
And then he'll never, no, he'll never
Fool his valued time away.

Yet our Seniors, quiet Seniors,
With their proud and stately mien,
Only say a very little
For their pocket-books are lean;

For in spring they spend their money
For their graduation things,
Yet to them there is a sadness
Which their parting often brings.

They have been just four years with us,
And have trod in victor's paths,
But they'll leave us now forever,
Leave us for their better halves,

Whom they'll find in every country
Waiting patiently to see,
Delegates from Aggie College,
Husbands from the M. A. C.

But a warning we will give you—
To what trade your hand you'll lend,
Always in a far-off country
Think of Alma Mater then.

And if Fate will kindly lead you
In a path made smooth and straight,
Shower down your thousands on us,
On your Aggie College mates.

Then your name will be immortal
And we'll build a grand new "gym,"
Dedicated to your honor
And the maintenance of limb.

C. A. S.

AGGIE LIFE.

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Mass. Agricultural College.

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THERE seems to be a growing tendency among the students to "cut" chapel on Sundays. Many go on long tramps or on botanizing expeditions and seem to think there is no harm in missing the chapel exercises. No wonder our pastor hesitates to exchange with other ministers. He cannot be sure that the visiting minister will have more than the empty seats to preach to. Then, too, how much encouraged our pastor must feel to see as many empty seats as there were last Sunday? How can a man be expected to preach under such circumstances? Then, too, students do not seem to realize that chapel is a regular college exercise and that it is of even more importance than many of the week day exercises.

AMONG the other attractions of Commencement week why can not we have a base-ball game? At other colleges such a game is made one of the prominent features of Commencement, and what better way than this to interest both students and visitors in our athletics? But if a game with another college nine is impracticable let us at least have a class game as, for instance, between the classes of '91 and '92. A recent game between these two classes ended in a manner rather unsatisfactory to both sides, and as they are very evenly matched a game between them at Commencement would undoubtedly be highly interesting. For the past few years our class base-ball games have been close and exciting, and if one is played by the two classes it will certainly not be the least of the Commencement attractions. By all means let the class captains get together at once and see what can be done, and if one is arranged, have the two teams go into practice immediately.

ONLY one more of the class games remains to be played. The date has not yet been fixed upon. These games during the whole series have been unusually exciting, and with one exception they have ended in a manner satisfactory to all. At no time was one able to make a good guess as to whom the championship would be awarded. A tie now exists between the Seniors and Freshmen. When played off the whole matter will be decided. These classes have each won two games and lost one. But, interesting as these games have been, they have proved a hindrance to the work of the college team rather than a benefit. True, some new players have been developed in this way, but that will hardly make up for the loss of practice of the college team before important games. Several of the class contests have occurred the day preceding a college game. This is not as it should be. The Varsity team should have the field that day, and thus prevent its men from playing a class game in altogether different positions from those they hold on the team. Nothing can add more to the degeneration of the team than these things. So let it be hoped that in coming years the true welfare of the college will be looked to in the arranging of class games.

THE announcement of the date of our field day, and the programme of events, have been eagerly looked for, during the greater part of these last two terms. It was only last week that the Athletic Association decided not to have field day. To many of us the outcome is not a surprise, as the interest shown by the would-be partisans has been very weak compared with what it should be. This lack of spirit was not altogether their own fault. The Association for some unknown reason appeared very cautious about announcing what events would take place, and how long a time there would be for training. Either they were afraid that if these things were not kept secret some one would win the prizes, or they were very negligent about the matter and had withered greatly in spirit since the mass-meeting last fall. We now have some of the essential apparatus which, if care is taken of it, will last for years. Some have had the excuse for not training, that they were waiting for this apparatus. That may be the case in some instances, but running, broad jumping, and the like, do not require these things. In the future let more interest be taken in this line. These sports will have to come sooner or later, and judging from the spirit exhibited in the

mass meeting last fall, it was thought that the field day custom would begin this term. Since this is not the case we have only to look forward to its introduction next year, trusting that use will be made of the outcome of this year's lack of interest.

EVER since the founding of the Massachusetts Agricultural College a quarter of a century ago it has found among the citizens of this commonwealth friends who have watched its growth with untiring interest, giving it a helping hand in time of misfortune and planning for its further development and improvement in time of prosperity. Many a time in the earliest days of the college, when the future seemed so dark and uncertain, a great deal has been due to the untiring efforts of these friends. The farmer has always been interested in the institution that was founded by those interested in his welfare for his benefit. In later years, when through the generosity of both state and general government, the college has enjoyed more than usual prosperity, this interest has still been kept up. When in 1889, through the untiring efforts of the friends of agriculture and agricultural colleges the general government passed a bill appropriating a large sum of money for the benefit of colleges of agriculture and the mechanic arts, all felt that at last there would be an opportunity for the college to extend its influence and to increase the good it was doing for the farmer. That the money was intended solely for colleges of agriculture and the mechanic arts no one had a doubt. What was the surprise then when the Institute of Technology put in a claim for a portion of this appropriation. The Institute is a private institution supported by large donations from private individuals, reaching up into hundreds of thousands of dollars. It is not a state institution. A large per cent. of its students are from other states than Massachusetts. Although receiving a third of the original land grant it is by no means included under the term "colleges of agriculture and the mechanic arts." The committee on Finance to whom the matter was referred, having reported a bill to the legislature by which the college is to receive two thirds of the appropriation and the Institute one-third, the action of the senate and house on the matter is of great significance to the college. Alumni of the college, now is the time to use your influence. Do all you can to promote the highest welfare and prosperity of your *Alma Mater*. Do not forget the object for which the college was founded and

exert your best energies that it may receive that to which it is rightfully entitled. Farmers of the state, now is the time to act. For twenty years you have received the benefit of an agricultural college founded for your express benefit. Now is the time to use your influence in its behalf.

MASS. AGRICULTURAL COLLEGE, TWENTY-FIRST COMMENCE- MENT, 1891.

SUNDAY, June 7, Baccalaureate Sermon by Rev. Chas. S. Walker, Ph. D. Professor of Mental Science, at 10.45 A. M.

Address before the Y. M. C. A. by Rev. John Basecomb, D. D., LL. D., of Williamstown, Mass., at 8 P. M.

MONDAY, June 8, Kendall Prize Speaking, at 8 P. M.

Class Day Exercises, at 2 P. M.

TUESDAY, June 9, Grinnell Prize Examination, of the Senior class in Agriculture, at 8.30 A. M.

Trustee Meeting, office of Hatch Station at 2 P. M.

Alumni Meeting in the old chapel building at 2.30 P. M.

Dress Parade, Battalion Drill, Sabre Drill at 4 P. M.

Reading of Military Essays, Presenting of Military Diplomas, at 5 P. M., in the stone chapel.

Reception of the President and Trustees in the stone chapel from 8 to 10 P. M.

Senior Promenade, 10 P. M. to 2 A. M.

WEDNESDAY, June 10, Graduating Exercises at 10 A. M.

THURSDAY, June 18, Examination of Candidates for admission, at the Botanic Museum, at 9 A. M.

CLASS DAY EXERCISES.

IVY CEREMONIES.

Ivy Oration, H. T. Field.
Ivy Poem, H. J. Legate.

Ivy Song.

Class Oration, W. A. Brown.
Campus Exercises.

Campus Oration, W. C. Paige.
Campus Poem, W. W. Gay.

Class Song.

Pipe Oration, A. G. Eames.

Class Yell, Farewell Song.
College Yell, Alumni Yell.
Music, M. A. C. Band.

RAILROAD TRAINS.

Trains on the New London Northern Railroad as follows:—Leave Amherst for the north at 8-53 A. M. 2-48 and 8-01 P. M. For the south at 6-53 A. M., 12-12 and 4-40 P. M.

Trains on the Central Massachusetts leave Amherst for Boston at 5-23, 6-15, 8-30 A. M. and 2-35 P. M. Leave Amherst for Northampton at 7-15, 10-32 and 11-16 A. M., 1-25, 5-19, 5-35, 7-24, and 8-32 P. M.

GLEANINGS.

—Another new patent out.

—"Please stop that noise."

—May 14. Prolonged Agony.

—Where is John H. Kellogg, '94?

—Our last issue will appear June 9.

—The tennis courts are well patronized.

—College closes two weeks from to-day.

—E. P. Felt '91, visited his home last week.

—There was no inspection Saturday morning.

—The Freshmen have commenced Trigonometry.

—Pres. Goodell was in Boston Monday and Tuesday.

—Who sounded the drum for drill Friday morning?

—Six innings were enough to satisfy the Wesleyan boys.

—There was a very small attendance in the chapel last Sunday.

—All the Seniors will obtain diplomas from Boston University.

—L. F. Horner '91, has been spending a few days in Greenfield.

—H. B. Emerson '92, has fully recovered from his recent illness.

—The band has been engaged to play in Wilbraham decoration day.

—The annual Intercollegiate meet takes place at Springfield to-day.

—Target practice has been discontinued for the remainder of the term.

—May 13, the Sophomores were defeated by the Juniors. Score 20-7.

—Candidates for the coming freshman class are beginning to appear.

—Professors Brooks and Maynard did not meet their classes May 18.

—The Thomson-Houston's of Lynn will play here Decoration day.

—Prof. Canavan has provided suitable benches for the base ball team.

—The freshman class took a final examination in geometry May 18.

—Evangelist D. L. Moody visited the College last Monday morning.

—Davis and Morse '94 spent Sunday at the latter's home in Belchertown.

—The flower-beds in front of South college have been filled with plants.

—May 18, considerable difficulty was experienced in raising the flag staff.

—The 'Varsity team played a practice game with the Freshmen last Friday.

—The D. G. K. Fraternity will publish the *Cycle* as usual at Commencement.

—Howard, son of Prof. S. T. Maynard, was quite ill with pneumonia last week.

—Our band has been badly crippled owing to the absence of several members.

—It is a curious fact that we can defeat nine men, yet the tenth one conquers every time.

—May 15, the Sophomores were victorious over the Freshmen by a score of 24 to 12.

—Drill every day last week caused by the absence of Lieut. Cornish the week before.

—A number of the students intend to work exterminating the gypsy during the summer.

—May 17, Mr. Street of Williams and Mr. Chalmers of Brown addressed the Y. M. C. A.

—The Bay State Agricultural Society will hold an Institute at the College, June 11 and 12.

—C. H. Johnson, '91, has accepted a position as assistant chemist at the State Ex. Station.

—We would advise the citizens of Malden and vicinity to let our foot ball players severely alone.

—May 21, '93 drink "Moxie" in Prof. Brooks' room, at the expense of one of their number.

—The members of the Legislature expressed themselves much pleased with the battalion drill.

—May 16, our ball team defeated the Wesleyan Academy team by a score of 18-5 in six innings.

—The grounds around the Botanic Museum never looked more beautiful than at the present time.

—E. W. Morse, '94, who was called home by the death of his father will not return to college this term.

—Rev. John Bascomb who is to address the Y. M. C. A. commencement was a former President of Williams College.

—Pratt-field was dedicated May 22. The dedication was followed by a ball game between Amherst and Dartmouth.

—We were to play Wesleyan University here May 18, but for some unknown cause they cancelled the game, presumably on account of our record the Saturday before.

—The Board of Control of the State Experiment Station will hold its regular commencement week meeting at the station, Wednesday, June 10, at 12.30 P. M.

—A meeting was held by the citizens of Medford recently, protesting against the use of Paris green, by the Gypsy moth Commission, claiming that the cure was worse than the evil.

—The Massachusetts Agricultural College Alumni club of Massachusetts will hold a special business meeting in the New Chapel Reading room, Wednesday, June 10, at twelve o'clock M.

—W. Fletcher, '92, for some reason known only to himself, has quit the diamond. This leaves the team at a disadvantage, as another shortstop will have to be broken in at this late day.

—The drill for Commencement will be dress parade and battalion drill followed by artillery drill under the officers of Co. B, company drill under the officers of Co. A, and sabre drill under the officers of Co. C.

—The members of the class of '91 and all alumni and former students are cordially invited to attend the meeting of the Massachusetts Agricultural College Alumni Club of Massachusetts, Wednesday, June 10.

—May 20, the class game between '91 and '92 was called. They played two innings when a dispute arose from a decision of the umpire, and as a result '92 refused to play. The game was therefore given to the seniors.

—Our usual Y. M. C. A. meeting was omitted Sunday afternoon to allow all students an opportunity to accept the kind invitation of Dr. Burroughs to attend the meeting held by Rev. D. L. Moody in College Hall.

—At a meeting of the Executive Committee of the State Board of Agriculture held May 21, the resignation of Prof. N. S. Shaler of the Examining Committee of

the Agricultural College was accepted, and Mr. W. A. Kilbourn of South Lancaster was elected in his place.

—Through the efforts of Pres. Goodell enough copies of *Agriculture of Massachusetts* were procured for all the students: The members of the senior class also received copies of the *Year Book* of Boston University and a limited number were divided among the three lower classes.

—*The Handbook of Amherst*, edited by Frederick H. Hitchcock, '91, of Amherst College, is to be out in time for our Commencement. The book is handsomely bound, with about 70 illustrations and contains a history of our college, with the description of the buildings, and pictures. President Goodell has looked over the proof and has expressed himself as much pleased with the representation the college has. An authorized agent is to sell the book here at commencement time. The volume is valuable and cheap. It sells for one dollar.

ALUMNI NOTES.

Arthur N. Stone, '90, is to be married to Miss Mary C. Wilkins at Hudson, Mass., to-morrow, May 28.

Clinton E. Bliss, '90, has been visiting M. A. C. for a few days.

Mark N. North, '89, who has recently recovered from a severe illness is now stopping at Brownsville, Vt.

H. J. Wheeler, '83, accompanied by Mrs. Wheeler visited friends in Amherst last week.

Prof. C. S. Plumb, '82, of Purdue University has been elected one of the directors for the dairy display at the World's Fair.

Married at Shelburne, May 5, Ralph H. Cushman, M. A. C., '87, to Lizzie M. Burrington.

The present address of Messrs. Barry and McCloud of the class of '90 is Suit 8, Boscobel, Lynn, Mass.

PRAYER MEETING TOPICS.

May 28th—Without God no Success. Ps. 127:1; John 15:5. H. T. Shores.

May 31st—Faith. Heb. 11. Professor Mills.

June 4th—Paul's Farewell Words to the Ephesians. Eph. 6:10-24. H. E. Crane.



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BASE-BALL.

AGGIE, 18; WESLEYAN, 5.

The game with Wesleyan Academy, May
16, was played in a pouring rain, making
good ball playing impossible. The fea-
tures of the game were batting and good
team work of the Aggie nine, while Petty
and Rist played best for Wesleyan. The
score:—

M. A. C.										
A B	R	1 B	T B	P O	A	E				
Curley, lf,	5	1	1	2	1	0	0	0	0	0
Parker, cf,	4	2	1	1	0	0	0	0	0	0
Paige, c,	5	3	3	3	4	2	0	0	0	0
Ruggles, lb,	3	4	1	1	9	0	0	0	0	0
Crane, p,	4	3	3	4	0	6	0	0	0	0
Willard, ss,	3	1	1	1	1	1	2	0	0	0
Hull, 3b,	4	1	1	1	1	1	0	0	0	0
Davis, rf,	3	1	0	0	0	0	1	0	0	0
Howard, 2b,	3	2	1	1	2	2	1	0	0	0
Total,	39	18	12	14	18	12	4	0	0	0

WESLEYAN.										
A B	R	1 B	T B	P O	A	E				
Jester, lb,	3	0	0	0	2	4	2	0	0	0
Barnum, lb,	3	0	0	0	2	4	2	0	0	0
Radoslavoff, lf,	5	1	1	1	1	0	2	0	0	0
Rist, p, cf,	3	1	2	2	1	0	1	0	0	0
Reed, rf,	2	1	0	0	0	0	0	0	0	0
Rogers, ss,	3	0	0	0	1	2	1	0	0	0
Petty, c,	3	1	1	1	3	1	0	0	0	0
Pulver, p, cf,	1	1	0	0	1	5	1	0	0	0
Mason, 3b,	2	0	0	0	0	0	0	0	0	0
Total,	23	5	4	4	18	12	8	0	0	0

Base on balls—Aggies 6, Wesleyan 2. Struck out—
Curley, Ruggles, Willard, Jester 2, Barnum 3, Rist, Pet-
ty. Two-base hits—Curley, Crane. Double play—How-
ard. Passed ball—Paige. Wild pitches—Crane 1, Pul-
ver 7. Umpires—Lehnert, M. A. C., '93, and Goodwin,
Wesleyan. Scorer—Rogers.

AGGIE '93, 24; AGGIE '94, 12.

The game opened with '93 at the bat and
after the second inning the score continued
in their favor throughout the game. The
score:—

AGGIE '93.										
A B	R	1 B	T B	S B	P O	A	E			
Howard, c,	7	2	5	5	0	10	2	4	0	0
Perry, 2b,	7	2	2	2	0	1	2	0	0	0
Curley, p,	7	4	1	1	1	2	12	0	0	0
Davis, lb,	7	3	3	5	1	9	0	2	0	0
Bartlett, ss,	6	1	1	1	1	1	0	0	0	0
F. A. Smith, 3b,	6	2	3	3	0	1	2	1	0	0
C. A. Smith, cf,	6	2	1	1	0	2	0	1	0	0
Staples, lf,	6	5	3	5	0	1	0	0	0	0
Tinoco, rf,	6	3	0	0	0	0	0	0	0	0
Totals,	58	24	18	23	3	27	18	8	0	0

AGGIE '94.										
A B	R	1 B	T B	S B	P O	A	E			
Parker, c,	6	4	1	2	4	5	2	2	0	0
Barton, cf, p,	6	2	1	2	1	3	6	2	0	0
Dickinson, p, cf, 3b,	5	1	1	1	1	0	3	0	0	0
Davis, lb,	5	1	2	5	1	14	0	2	0	0
Morse, A. J., 2b,	5	2	3	3	3	1	5	2	0	0
Fowler, ss,	5	0	1	1	1	0	1	2	0	0
Goessmann, 3b, cf,	5	0	1	2	0	0	0	1	0	0
Putnam, lf,	2	2	0	0	5	0	0	1	0	0
Robbins, rf,	4	0	0	0	0	4	0	1	0	0
Total,	43	12	10	16	16	27	17	13	0	0

AGGIE '92.										
A B	R	1 B	T B	S B	P O	A	E			
Willard, c,	7	5	3	3	2	13	0	2	0	0
Crane, p, lb, 2b 5	4	3	3	0	2	10	1	4	4	24
Field, cf,	6	1	1	1	1	0	0	0	0	0
Fletcher, p, lb, 5	4	2	2	4	0	6	8	0	0	2
Taylor, lb, 2b, 5	4	2	4	0	2	0	2	0	0	2
West, 3b,	6	1	2	2	0	2	1	1	0	0
Boynton, lf,	6	0	3	3	0	1	0	0	0	0
Lyman, rf,	6	0	0	0	0	1	0	1	0	0
Emerson, ss,	6	1	1	1	1	0	0	2	0	0
Total,	52	20	17	19	8	27	19	9	0	0

Two-base hits—Davis '93 3, Staples, Davis '94, Barton,
Parker, Goessmann. Three-base hits—Staples, Davis
'94. Base on called balls—'94 4. Base on hit by pitched
ball—Putnam. Out hit by batted ball—Goessmann.
Struck out—By Curley 11, Dickinson 3, Barton 4. Left
on bases—'93 4, '94 8. First base on errors—'93 12, '94 6.
Umpires—Crane and Ruggles. Scorer—Keith.

AGGIE '92, 20; AGGIE '93, 7.

AGGIE '92.										
A B	R	1 B	T B	S B	P O	A	E			
Willard, c,	7	5	3	3	2	13	0	2	0	0
Crane, p, lb, 2b 5	4	3	3	0	2	10	1	4	4	24
Field, cf,	6	1	1	1	1	0	0	0	0	0
Fletcher, p, lb, 5	4	2	2	4	0	6	8	0	0	2
Taylor, lb, 2b, 5	4	2	4	0	2	0	2	0	0	2
West, 3b,	6	1	2	2	0	2	1	1	0	0
Boynton, lf,	6	0	3	3	0	1	0	0	0	0
Lyman, rf,	6	0	0	0	0	1	0	1	0	0
Emerson, ss,	6	1	1	1	1	0	0	2	0	0
Total,	52	20	17	19	8	27	19	9	0	0

AGGIE '93.										
A B	R	1 B	T B	S B	P O	A	E			
Perry, 2b,	5	1	1	1	1	3	2	1	0	0
Howard, c,	5	2	1	1	1	6	2	2	0	0
Curley, p,	5	2	2	2	1	1	12	0	0	0
Bartlett, ss,	4	0	0	0	0	0	0	1	0	0
Davis, lb,	4	0	1	2	0	13	0	2	0	0
F. A. Smith, 3b,	4	0	0	0	0	3	0	0	0	0
C. A. Smith, cf,	1	1	0	0	0	0	0	3	0	0
Staples, lf,	3	1	1	1	0	1	0	0	0	0
Tinoco, rf,	3	0	0	0	0	0	0	0	0	0
Total,	34	7	6	7	3	27	16	9	0	0

Innings.										
A B	R	1 B	T B	S B	P O	A	E			
Aggie '92,	3	0	4	3	5	6	7	8	9	0-20
Aggie '93,	2	1	2	2	0	0	0	0	0	0-7

Two-base hits—Taylor, Davis. Base on balls—'92 3,
'93 4. Base on hit by pitched ball—Staples. Passed
balls—Willard 2, Howard 2. Wild pitches—By Curley 1,
Crane 1, Fletcher 1. Left on bases—'92 8, '93 5. Struck
out—By Fletcher 6, Crane 5, Curley 5. First base on
errors—'92 7, '93 5. Umpires—Ruggles and Barton,
Scorer—Keith.

WESLEYAN 5; AGGIE, 3.

Aggie was defeated by the Wesleyan
Academy boys at Wilbraham, Saturday, by
a score of 5 to 3. The pitching of Pulver
was very effective, holding Aggie down to
three hits. The fielding of the Aggies was
very loose at times and especially so in the
fifth inning. Umpire Goodwin played the
best game for Wesleyan. His individual
plays prevented Aggie from scoring several
times during the game. The score:—

AGGIE.										
A B	R	1 B	S B	P O	A	E				
Curley, ss,	4	2	1	1	4	0	1	0	0	0
Parker, cf,	4	0	0	0	1	1	1	0	0	0
Paige, c,	3	0	0	6	9	3	0	0	0	0
Ruggles, lb,	4	0	0	0	8	0	1	0	0	0
Crane, p,	3	0	0	0	1	8	1	0	0	0
Willard, 2b,	2	0	0	0	2	2	0	0	0	0
Hull, 3b,	4	1	2	2	3	0	1	0	0	0
Barton, rf,	4	0	0	0	0	0	0	0	0	0
Davis, lf,	3	0	0	0	0	1	1	0	0	0
Total,	31	3	3	3	24	15	6	0	0	0

WESLEYAN.										
A B	R	1 B	S B	P O	A	E				
Jester, lb,	4	1	1	1	9	0	1	0	0	0
Barnum, 2b,	4	0	1	1	2	0	0	0	0	0
Radoslavoff, lf,	4	2	1	3	1	1	0	0	0	0
Rist, cf,	4	0	0	0	0	1	2	0	0	0
Montague, ss,	4	0	1	1	1	0	0	0	0	0
Rogers, 3c,	4	0	0	0	0	3	1	0	0	0
Sullivan, c,	1	0	0	0	12	2	1	0	0	0
Pulver, p,	2	1	1	1	1	15	1	0	0	0
Mason, rf,	3	1	2	2	1	0	0	0	0	0
Total,	30	5	7	9	27	23	6	0	0	0

Innings, 1 2 3 4 5 6 7 8 9
Wesleyan, 1 0 0 1 3 0 0 0 0—5
Aggie, 1 0 0 0 0 0 1 1 0—3
Runs earned—Aggie 0, Wesleyan 0. Struck out—Crane
5, Pulver 12. First base on errors—Aggie 4, Wesleyan
4. Three-base hit—Radoslavoff. Wild pitch—Crane.
Passed balls—Sullivan 2, Petty 2. Umpires—Lehnert,
M. A. C.; Goodwin, Wesleyan. Scorers—Rogers, M. A.
C. '92; Pratt, Wesleyan.

COLLEGE NOTES AND EXCHANGES.

Howard University is to have a chair of
vocal music.

Field day was held in a large number of
Eastern colleges last week.

Rutgers graduates forty-one men this
year, two of whom are specials.

The Princeton Freshmen have passed
resolutions against hazing next year.

The annual field meeting of the Dart-
mouth Athletic Association was held May
19th.

Stagg, the Yale pitcher, will have charge
of the department of Physical Culture at
Chicago University.

Prof. E. M. Peare of Bowdoin has been called to a professorship in the Leland Stanford University.

Arrangements are being made for the removal of the New Hampshire Agricultural College to Durham.

The students of Wellesley have petitioned the managers of the World's Fair to have the fair closed on Sundays.

The Yale Seniors by a unanimous vote have favored the adoption of the Oxford cap and gown at commencement.

Advice to Freshmen—Honor thy professor in the days of thy youth that thou mayst be solid before thy Senior year.—*Ex.*

Dr. Jordan, President of the Leland Stanford University, will receive the largest salary that is given to any college president in America.

Four new buildings, twelve instructors and an increase of eighty-four students is the showing for Brown University during the last two years.

The University of Pennsylvania has elected Dr. Roland P. Falkner as professor of statistics. This is the first University to establish such a chair.

Every class that has graduated at Dartmouth within the last fifty years is making preparations for a reunion at Hanover during the coming commencement.

Brown's pitcher, Woodcock, is to play with the Boston League Club. He will play with Brown until commencement when he will begin his service with the Bostons.

At the Junior target practice at the Delaware State College, Lieutenant Grant made twenty-three hulls-eyes out of a possible twenty-five at a range of three hundred yards.

Yale has received \$15,000, for the purpose of building and furnishing a new recitation hall, or to endow a professorship in the academic department, as the trustees may see fit.

Prof. Jessup of Dartmouth in his recently revised *Flora and Fauna of Hanover*, states that 1161 species of flora are found native of that place. Of animals he catalogues 50 mammals, 191 birds, 15 reptiles, 20 batrachians, and 24 kinds of fish.

Two distinguishing features of which University of Minnesota students are proud are the large number of students who find it possible to work their way without sacrificing their social position, and the confidence reposed in the students by the faculty. The only rule for conduct is, "Behave like ladies and gentlemen."

The graduate students of Johns Hopkins are forming an organization to be known as the Student's Association. Its object is to cultivate closer fraternal relations between graduates, students and similar organizations abroad, to establish an international student's magazine, and to cooperate the world over in University Extension work.

The Yale catalogue estimates the expenses of students at that institution under three classes: lowest \$355, average \$630, very liberal \$2156. All these include \$125 for tuition. The opportunities for earning money at Yale are very many. Of these private tutoring is by no means the least. Taking the whole undergraduate department it amounts to thousands of dollars. One man in the present Senior class has earned \$2156 by private tutoring.—*College Man.*

A UNIVERSAL RULE.

There's a rule which they tell me for tennis was made,

But applies just as well to all games that are played,

In the letter in some, in the spirit in all;

Keep your feet on the ground and your eyes on the ball.

But not to games only this motto applies,
To all of life's problems a key it supplies;
And the soundest advice is whatever befall,
Keep your feet on the ground and your eyes on the ball.

The ball is the prize which you're striving to win,
The ground is your capital—talents or tin;
And the gate to success has inscribed on the wall:
Keep your feet on the ground and your eyes on the ball.

—*Exchange.*

GEOMETRY.

Sing a song of angles.

Sing it loud and clear,

All the kinds of angles

That we study here.

Right angles and triangles

Floating in the air,

Angles on the blackboard,

Angles everywhere.

Sing a song of angle worms—

Pretty pebbly brook,

Little fishes swimming

In some shady nook.

Though I may sing of angles

In geometric terms,

You may be sure that in my heart

I sing of angle worms.

WHICH?

He handed her an ice, and took

Two kisses from a waiter.

She said, "Not any, thank you, now;

Perhaps I'll take one later."

—*Exchange.*

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AGGIE LIFE



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AGGIE LIFE.

VOL. I.

AMHERST, MASS., JUNE 10, 1891.

No. 17

THE OLD TWELVE POUNDERS.

On the campus in the twilight,
When the sun has sank to rest,
And the silent shades of evening
Hover o'er earth's verdant breast,
Stand the cannon by the drill hall
Near the mortar pit below,
And they seem to tell a story
Of the days of long ago.

See their brazen sides all furrowed
By the battle's plunging hail!
Note the scars of sword and sabre
On the caisson and the trail!
Grim and silent now the cannon
Bear the marks of shot and shell
That will ever stand as witness
For the scenes of which they tell.

But no longer do we find them
'Mid the mighty battle's roar,
For the war has long been ended
And their fighting days are o'er;
At our college, they have surely
Done their duty to the state,
By instilling bits of knowledge
In the weary student's pate.

We have taken our positions
At the order "Limber, Rear!"
We have rammed the powder homeward,
And have fired it without fear,
And the captain's ringing order,
"To dismount the piece prepare!"
Nerved each man to do his duty,
And of honor win his share.

But not during drill hour only,
Have the cannon come in play.
For the students often used them
In a very different way.
If you wish to know their story,
And to learn what e'er is true,
Turn the pages of the *Index*
And your college days review.

GREEK-LETTER FRATERNITIES.

College students have always shown a tendency to form themselves into leagues or societies for their own social or literary benefit. In American colleges, there are now a class of secret bodies, called fraternities, supported by students and alumni which have become of great and vital importance to the college world; others are of less note but are likewise worthy of praise.

These fraternities are composed of lodges or chapters, located at the different colleges and universities and generally bear a name composed of Greek words, from which they are called by non-collegians, "Greek Letter Fraternities."

The first of these societies was established at the College of William and Mary in 1776 and bore the name of Phi Beta Kappa. It was of a secret nature, literary in character and eligible only to seniors. As to its origin, the real nature of its early existence is unknown, but supposed to have sprung up either from a European institution or a Free-mason's lodge. Its first chapter termed "Alpha" was created at Yale, from whence it spread to other educational institutions until finally not exactly fulfilling the anticipations of the students, it was superseded by the first real "Secret Fraternity."

This occurred in 1825 and at Union College, N. Y., the name of the fraternity being "The Kappa Alpha Society." At first this met great opposition by the foundation of two other similar societies at the same place, the Delta Phi and Sigma Kappa. But in spite of all discouragements, they all survived and were the germs of the present fraternity system.

In earlier days seniors alone were eligible to membership but at the present time, with the exception of Yale and Dartmouth, all classmen are taken as members. In Yale all of the chapters are of Junior societies, and at Dartmouth, although members are pledged even before entering the college, they are not admitted to active membership until their Sophomore year.

In many of our larger colleges each of the classes has its various chapters, and thus forming numerous fraternities. As soon as a classman ascends to a higher class he is termed a member no longer but is styled an alumnus or honorary member. These class bodies are known as "open societies," that is they are open to classmen whether members of other fraternities or not.

A good idea of the extent and prosperity of the various college societies can be procured from the following concise statistics, taken in 1885. There are to be found living in high rank, over eighty fraternities which comprise about six hundred student chapters, and one-fourth as many alumni chapters, and a total active membership of seventy-five thousand.

Of the large number of societies the Beta Theta Pi, Delta Kappa Epsilon and Psi Upsilon, all formed for electioneering pur-

poses at the outset are the most important and contain amongst their members such men as have been for the most part an honor to the nation.

Agassiz, Ex-Pres. Seelye of Amherst, and other noted scientists are members of the Psi Upsilon Fraternity, and of the Delta Kappa Epsilon, which is the largest eastern fraternity. J. Q. Adams, Jr. and Whitelaw Reid are active members, and such men as Bayard Taylor, Admiral Foote and Gen. Burnside are Associates.

These societies are greatly condemned by a great many people, and at many colleges they are strictly prohibited but still for all this they are of great benefit to the student and have graduated many bishops, clergymen, lawyers and statesmen.

The leading reasons for this condemnation are the bitter rivalry and feeling between the different bodies for both honors and their own subsistence, and it is commonly thought that many of them are breeding-beds of sin and wickedness, capable of ruining the student. These things are partially offset on the other hand, by the benefit derived by the members at their literary and social meets in the chapter quarters.

The Princeton secret societies have always been condemned, and at one time it was considered a heinous crime to be a member, although many chapters existed "sub rosa," and were of high standing.

All of these organizations were in their infancy intended as literary societies, but in later years they became stronger and were intended to bring the students together socially and to control college elections. The fraternities are not alone confined to institutions for young men, but are very prosperous in female schools as well. There are seven in this country the most important of which is the Kappa Kappa Gamma, a fraternity of half a hundred chapters in the several seminaries.

The old literary societies in American colleges bore such names as "Erosphian," "Philolethean," etc., but these names are now used only by academies and preparatory schools. In these old halls, now of little or no importance, many an American statesman first trained his powers as an orator. Among these are Jas. A. Garfield, Sunset Cox and Gen. Lew Wallace.

The only fraternity to confine its members to a special class of students is the Phi Delta Phi which is composed entirely of lawyers.

As a final statement it may be justly claimed that these College Fraternities fill a necessary and very important place in a student's college course.

T. F. K.

IVY POEM.

H. N. LEGATE

The river Rhine rolls grandly down,
Down to the German Sea,
'Twixt lovely banks with ruins crown'd
Of the things that used to be.

There is many an ancient castle
And many a ruined hold,
Held in the knightly days of yore,
By robber barons bold.

In stern and massive grandeur
The gray old towers arise,
While over them tenderly twining,
The beautiful ivy lies.

Like a green and tender mantle,
It encircles their ruined walls,
And down from angle and buttress,
In softening verdure falls.

With soft and caressing fingers
It touches the cold gray stone,
And adds to its rugged boldness,
A beauty all its own.

So round our life in college,
Let Memories tenderly twine,
As round over the rough old stones
Cling those of the ivy vine.

Forgot be every jealousy,
Forgot each petty spite;
Remembered only be our joys,
The brightness and the light.

We meet to-day in Friendship
And Love that time has made,
Love that shall ever faithful prove,
Till the last great debt is paid.

We meet to-day to part too soon,
And leave our college home,
And far and wide across the world
In various paths to roam.

The tender ties four years have made
We soon must tear away,
And part to meet—when, no one knows!
But not for many a day.

But let us cherish in our hearts
These college memories sweet,
And not forget these scenes and friends,
Though ne'er again we meet.

CAMPUS ORATION.

BY WALTER C. PAIGE.

LADIES AND GENTLEMEN:—Undoubtedly many of you are unconscious of the honor being conferred upon you to-day. You are the favored few, who are to see this unequaled body of the country's brightest make their debut into the world's arena.

We do not boast of beauty, for the only fair members of our class left us but a short time ago; but we would call your attention to the progress that has been made in this institution and throughout the entire world during the last four years. This period has been one of most remarkable advancement. Toothpicks have become more abundant and are more readily eaten; tutti-frutti has come into general use in Africa, and electricity has become so cheap that in York State they feed it to convicts. While we do not take upon ourselves all the credit for this progress, yet we believe that our influence upon the world has been directly or indirectly the cause of most of it.

It is unfortunate for the class, and also for me, that in a moment of recklessness they chose, to represent them, the Campus Orator whom they did. He is not a fair sample of the whole. When writing this oration I would fain have followed the example of my predecessors, but as they never existed, their example was of no practical value to me. If the old adage is true that "small beginnings make great endings" and the greatness of the ending depends upon the smallness of the beginning, in the dim future there may be expected an oration upon this stage, that would cause a Bill Nye to turn green with envy. But it is with the present we have to deal, and are forced to adapt ourselves to the circumstances as they exist. If I supposed I could bring you to sympathize with me by producing such agonizing sounds as issue from the Amherst College Band, or our College choir I would attempt it even at the risk of dying in the effort.

The point blank range of any bit that may be in this production is one mile, therefore, if you are not struck by any you will know that you are too far removed, too near, or that none exist in it. Before proceeding farther it may be well to inform you that I am troubled somewhat with heart disease, and would therefore request you not to cause any unnecessary excitement. If any of you feel that you cannot endure the torture of hearing more, you can quietly leave and procure the oration in printed form in the "AGGIE LIFE," and peruse it at leisure with restoratives at hand. Trusting that none of you believe in scientific foot-ball, nor have converted your pockets into an incubator I will proceed with partial assurance that no violence will be done to me when I have finished.

TOWNSMEN:—As might be expected our stay with you has been marked by prosperity within the town. While we would

be glad to credit this progress to your enterprise, we cannot but feel that our presence has been the prime cause of it. Many the pleasant times we have passed within your borders, and it is with feelings of regret that we are soon to leave. We shall ever remember you, and will endeavor to pass this way many times in our walk of life. But when we do return do not mistake us for Amherst Alumni and meet us at the station with open arms and un-receipted bills.

You are to be congratulated upon the good condition in which your various departments are at the present time. Your fire company recently lowered its record for a mile run, by going that distance in fifty-eight minutes. There is nothing small about your police force. The militia company looks well, but should practice sprinting more or it will get left in a retreat. The members of course are not used to army life, but in the rendezvous you have generously provided they are getting rapidly toughened.

After centuries of waiting you have at last a town hall, and probably after an equal lapse of time you will get it paid for. With the increased number of doctors you now have, the new cemetery will undoubtedly prove a valuable investment.

It would be a source of great profit for some one of you to establish an agency in town for the benefit of Western farmers and those of your feminine population who are of an uneasy age. With such an abundance of material competition would be close, and suitable selections could be easily made.

Our desire is that the future of each and every one of you may abound with prosperity, and with this upon our lips we would leave you with a hearty,—Farewell!

MAIDENHOOD OF AMHERST:—On account of a natural indifference, that I have always exhibited towards you, I am utterly unqualified to justly represent the spirit of the class upon this occasion of parting. At this time you should be addressed with cheerful, comforting words, but as a result of the nervous shock that this appearance has brought upon me, I am possessed of that feeling, which you would probably term "rejected." Therefore I will not attempt it, but will leave it to a person more Gay than myself, even to the beaming poet who is soon to follow. Unless he believes in the proverb "where ignorance is bliss 'tis folly to be wise," he will describe to you in pathetic rhyme, to the tune of "North Amherst," his feelings upon this occasion. While

others may take our leaving as a natural event; you will undoubtedly mourn our departure, and flee more often than ever to your chewing gum for solace. We would commend to your watchful care those who are to succeed us. To each and every one, from those who are just to bloom to those who have been artists for many a year we bid a parting,—Farewell!

GENTLEMEN OF THE FACULTY:—But few words have we to address to you. This should be taken literally and not in the way you use your lastly's, forty-eleventhly's, in conclusion, one thought more, etc. For four years we have stood by you. You have undoubtedly enjoyed yourselves, but soon there will be a change for you. You will no longer have our aid, but will have to obtain your information from other sources. Although we have been of such value to you we wish no reward. What knowledge you have gained from us, do not keep it to yourself, but as freely as you have received so freely give to those who are to succeed us.

Often in the class room at your request for us to impart our knowledge we have promptly "*given it up*". We have patiently borne your sarcasm. We have maintained the record of other classes by surviving your regular list of antiquated jokes. If the laws of fiction apply to them, some future class may have peace, as they will of necessity wear out in time. Your fire department is in good working order as usual, the principles of its working being most forcibly illustrated in the Lab.

Your description of the pleasures experienced in the manipulation of zero and infinity has often caused us to toss about in restless sleep, endeavoring to lay our hands upon them. You have done your best, but your exhortation "very simple, gentlemen" has brought to us no comfort. In our endeavors to improve your methods of management, we have met such rebuffs as "Well! What are you going to do about it?" The sorrow that you have felt when we have bolted has been counterbalanced by our joy, so there now exists feelings fully neutralized.

The veterinary department has accomplished good results in the consideration of some of the more simple diseases of animals. If a horse should be impaired with *Purpurea haemorrhagica* of the mesentery layer of the filamentous cartilage surrounding the coffin articulation, and the respiration is seen to be affected, any of us would now know, that the treatment of such a

case, unless it was complicated with a fracture of the posterior caudal bone or a dislocation of the right ear, would be the giving of aconite (1 pt.), and filing the molar teeth. Ish not?

Taking every thing into consideration we are ready to depart if you are ready to let us.

Many of your lectures would be of great value, to people living in tropical climes, during the rainy season. As we leave we would intrust the reading room to Prof. Canavan's care, and hope he will guard it as faithfully in the future as he has in the past. Hoping that you all will work as earnestly for the raising of your standard here, as you do for an increase of salary we bid you,—Farewell!

MEMBERS OF THE FRESHMAN CLASS:—We have a word for you. Some day you are to fill the place we now occupy. As you are in a formative state as yet, it will be well if you heed the advice of one who has traversed the path before you. There is a great difference between the position of a dignified Senior and a verdant Freshman. This is a fact although some of you fail to realize it. The axiom "a straight line is the shortest distance between two points" should be your guide. The straight course here is four years; the crooked one is often protracted, or more often shortened.

Remember you are here to learn, not to teach. Cultivate the faculty of guessing, it will be of great value during your course, especially in your last year. You may master everything else, but psychology will master you, so prepare for sacrifice.

Remember all zoölogical specimens carried into any class room are thankfully received by the instructors. The one who carries them in generally having special attention paid to him. If you desire to remain away from recitation, it is advisable to be sick, but very unwise to recover before dark. In your chemical course you will find but one authority. The books are all wrong, the authority on account of sudden variation having never written one. It is generally understood that the Botanical department is carried on for the benefit of the students and it is expected they will investigate thoroughly anything found growing there.

Your moral obligations should be carefully looked after but it is not advisable to be seen preying in orchards. Keep in mind that for the sake of your constitution four hours exercise on the campus should be taken to one of study. These simple

rules will be found to be exceedingly valuable and a faithful observance of them will bring you great gain. Leaving you to toil along your rugged way we leave you with a sympathetic,—Farewell!

JUNIORS:—A word to you. As we speak we would have you look up to us. Although you should have done this for the last three years, you have often been negligent of your duty. You are soon to be invested with the robe of senior dignity. Do not expect to fill it as completely as we have, for you are several sizes smaller. But we will not take this place to enumerate your failings. You started behind us and have been kept there, notwithstanding your frequent attempts to supplant us. Many of you when you came here must have come by the way of Gaul; your familiarity would indicate that such was the case. But for all your shortcomings we freely forgive you, as we leave. We would commend to you the oversight of college, the Faculty, the Insectory and all those interests we have labored for, and with congratulations upon your coming honors we bid you,—Farewell!

CLASSMATES:—For four years we have illumined this place. Together in mutual harmony have we rode along. You have used my horse and I have used your horse. But these associations must soon be ended and the final farewells be offered. These familiar scenes, which we have learned to love so well, will soon be lost to view.

The Chapel where we have so often been hypnotized, and under its influence have earnestly prayed for water, the Library where we have spent many hours perusing the untold volumes of reports and statistics, the Lab. from whose air of mingled gases comes the realization of the presence of an awful something; all must be left to be enjoyed no more.

What changes since we first joined hands does a retrospect reveal. Whoever supposed the attributes of a Kaiser could be possessed by our youthful, sunny-haired member of four years ago. Even our country member from a Northern town has yielded to the civilizing influence of our association, and has of late successfully argued, at the Hub, the cause of his colleagues, the people there not realizing that he was the wild-eyed youth who attempted, a few years ago, to waylay a street car. Most of us have developed from boys into men, but still we have only one Lage man among us.

During our connection we have been

charitable one to the other. Often in class room have we sacrificed the benefits of close observation, and allowed others of our number to occupy front seats while we have endured the back ones. In doing this, strange as it may seem, it was fully proved that close observation and good recitations are antagonistic.

It is with pride we can look back upon our moral record. When the pipes are circulated a little later you are all expected to be tea-totalers. We have high hopes for the future. Some of our number may become reformers, and if they do, they should be carefully watched by the rest of the class. To be of great service to their country is the hope of some. Our Berkshire representative, observing a degeneration of things out his way, has ably presented the matter before us in the class room, and has expressed his determination to do all he can towards the repopulation of the Berkshire Hills. Others are to take the light they have here received and carry it to the heathen nations of the earth. Great joy will be felt when these darkened Shores are illumined. While we may reflect on the past, may prospect upon the future, we are to-day gathered here to especially consider the present. Our path which for four years has been one is soon to divide. Before us lies life with all its opportunities, and into the battle we are sure to plunge. Whether we are to travel along the high-road of prosperity, the lowlier walk of plenty or in the humble valleys of daily striving, depends wholly upon each one himself. In each one we can be an honor to ourselves and to our country, if the impressions of virtue and manliness, which we have here received are faithfully carried out in practice. In our walk of life may we often reflect upon this time when we all started together and may the ties of friendship which now bind us close keep us interested in one another throughout all our days. And may our parting at this time, be the seal to a high resolve in each one to do his best, as we bid each other an affectionate,—Farewell!

BRIEF OUTLINE OF THE YOUNG MEN'S CHRISTIAN ASSOCIATION THE PAST YEAR.

As in many other departments of the college the Y. M. C. A. can boast of the past year being the most active and profitable since its organization.

During the summer Hand Books were issued which were sent to all those desiring them and also distributed freely among

the incoming class and students of the college. This book contains general information regarding the college and student life with a full account of the Association, its object and work. It was the first hand book ever issued but the project proved so successful it has now become one of the regular duties of the organization. The book published this year is now out and we hope much pains will be taken in distributing them among those entering '95. It is found of vital importance to place this association before the new men as soon as possible. To aid in accomplishing this a reception was given to the Freshmen the first week of the Fall term. Dr. Walker very kindly offered his house for this purpose. The reception was well attended and proved not only a pleasant affair but a very effective means to bring the Young Men's Christian Association before the new men in a favorable manner.

During the winter term the association experienced its first real revival since its organization. Mr. Sayford while traveling among the colleges visited us a few days and his work was accompanied with wonderful results. A great interest was manifest from the first and the meetings were attended by nearly all the college. As a result thirteen new men were brought to take a decided stand and a much livelier interest awakened in the general work.

Two years ago, through a visit by Mr. Spear, interest was started in missions. This has steadily grown and there is now a well organized missionary committee. In the Fall term \$60.00 was raised to support a native in the Theological School in Japan. Having some visible definite purpose rather than putting so small a sum into a general fund, and receiving occasionally letters from this student it has served well to keep up the enthusiasm in missionary work.

The association has been well represented at the various conventions held, having sent three delegates to the New England conference held at Williamstown and two to the International Student volunteer movement convention held in Cleveland, Ohio. Last summer a tent was hired at Northfield and several of our members enjoyed most of the meetings. It is hoped this year a much larger number will be able to attend.

The prayer meetings held twice a week have been enthusiastic and the Bible class conducted Sunday mornings by Prof. Mills is exceedingly interesting and instructive.

But let us remember that even though this

has been an unusually successful year we have only kept pace with the general advance of the college, and that as we grow stronger more is expected of us, and thus each coming year must be more prosperous than its precedent.

BACCALAUREATE SERMON.

Prof. C. S. Walker delivered the baccalaureate sermon, Sunday, June 7th, taking for his text, 1 Tim. 6:10. "The love of money is the root of all kinds of evil," and for his theme; Love of money, the Basis of Plutocracy.

After defining money and analyzing the love of money, distinguishing the first from commodities and illustrating the power of the second as a motive influencing the individual, the speaker developed the idea that money is at best but a tool, in many cases a very poor tool. As a tool it may be improved. Money is also a symbol: it symbolizes service in society. Money which does not adequately represent service to society is really counterfeit and in the end will be rejected by mankind. Any further improvement of money as an instrument and symbol necessitates a radical change of human nature. This change is not impossible, nor with time improbable, for science has proved that all nature constantly changes and human nature most of all. Destroy the individual love of money in the breasts of the multitude, the money king is dethroned and plutocracy becomes impossible.

The sermon closed with the following address to the class of '91:—

Gentlemen of the graduating class: You leave these walls at an opportune time. The world has need of you. The first question, however, that will confront you will be the question of finance. In framing your answer to this important question, remember, I beseech you, that the love of money is a root of all kinds of evil.

In your decisions and actions be governed by two principles: (1) Service to society; (2) through service to society power to command the labor or product of labor of others, for their own good. With these two principles embodied, glory, honor and immortality will await you.

From the first rid your soul of the besetting sin of the age, the love of money. For this beguiling motive substitute as your governing principle service to society. In seeking a position ask not, What is the salary? Ask, What opportunity will the contemplated opening give you for using the strength of body, the power of mind and

the weight of character, acquired here, in the service of the Christian family, the American farmer, the Commonwealth, the Nation? The man who really serves his fellow men need not trouble himself about money; those whom he serves will see that he has money enough. Having the reality, you may exist without the symbol. In proportion as you serve your fellow men, will you command them, directing their labors and controlling the product of their labor. Direct their labors and control the product of their labors in such a manner that their labor and yours shall not be in vain, but shall accomplish much for their good and yours and thus will you increase and perpetuate your power over them. You may command a score of men, then a hundred, then a thousand, perhaps the whole nation, possibly the human race; who knows? The inventor of the steam engine, does not he yet by his idea dominate the world? The inventor of printing, had he no power over his fellows? The steam engine and the printing press have proved wondrous tools that have left their works on the world. Another tool, more strong than printing press, or steam engine, is this thing called money. Its power is magical. The query is, does it not work more ill than good?

Who will improve this tool for us? Who will take it away entirely and give us a better one? Copper is better than wampum; gold is better than silver; the United States certificate, signed and sealed and duly authenticated for one dollar or one hundred millions of dollars is better than gold; but have we reached the ultimate? Steam is being superseded by electricity. The idol of wood, of silver and gold, has been dethroned and men worship the unseen but real God, Almighty, Eternal, Infinite, the symbol set aside for the reality symbolized. Who will take away this thing called money and give us in its place the reality which it represents so imperfectly?

Do you, my young friends, live the life that cannot be measured by dollars, dimes, cents? the life that consisteth not in the abundance of things possessed? the life that is service incarnate? the life that is power in labor over the products of labor? the life which is itself so full of spiritual might that in and of itself, without the adventurous aid of silver and gold, it cannot but command the labor and products of your fellows? Live such a life as this and it will prove its own glorious reward; you will be independent of the despotism of the

Almighty Dollar, the work of this idol will not be branded on your forehead, and you will have made such a radical change in that part of human nature, immanent in your own individual being, as to have established a dynamic point whence must issue vital forces that will emanate and agitate, far and wide, until they shall coalesce with similar forces bursting from other souls and thus united, permeate humanity, when shall come that new dispensation foreseen by the seer of Patmos, St. John, the divine, when men shall hunger no more, neither thirst any more; when the holy city shall be the marvel of the age, when streets shall be paved with gold, and men treading it beneath them shall serve one another for love of God and love of man—a motive inspired by the sight of him the Son of Man, who though rich for our sakes became poor that we through his poverty might attain unto the true riches, treasures laid up where neither moth nor rust doth corrupt and where thieves do not break through nor steal, an inheritance incorruptable, undefiled that fadeth not away.

FRESHMAN NIGHT.

According to time-honored custom, Friday night was celebrated by the class of Ninety-four as the time when they did away with all things appertaining to Freshmen and came out as full fledged Sophomores. It is the aim of each class to have something a little better than the previous one, for it is said that according to the success of Freshman Night, so will be the success of the future Sophomore class.

To say the least the Freshmen had a very pleasant and successful class celebration. One of the principal features of former Freshman nights, namely the cannon and rifles, were however missing, the Commandant evidently thinking that there would be enough noise without the use of the United States property. Consequently the military property was called in.

Permission was granted to the class to ring the chapel bell until eleven o'clock, three hours being deemed sufficient to work off the surplus energy and enthusiasm of the bell ringers, as well as making night hideous for the surrounding country. As the bell scarcely ceased clanging from eight o'clock until eleven, it is safe to say that the Freshmen took full benefit of this privilege. The illuminations and fire-works, constituting by far the best part of the celebration, were some of the finest we had ever seen, and it can be said in praise of the Freshmen that this mode of celebrating

was far more pleasing and satisfactory than it could have been if simply noise and fire were aimed after. The display was very fine and reflects credit on the class.

The Freshman banquet was served down town at midnight, and of course was hugely enjoyed by all present. After the banquet the class returned to the campus where in the early hours of morning the bonfire was lighted. This, together with the inevitable yelling, kept the class busy until daybreak.

Taken as a whole, Freshman night passed very pleasantly to all concerned. Much of the anticipated resistance from the Sophomores failed to come, and it may be said of them that they behaved in a very gentlemanly manner. To be sure there must be some clashing but there was less of it than there has been before for years.

The Juniors were highly pleased with the bountiful spread with which they were treated by the Freshmen. If there were any doubt to the matter, one need only have looked into the door of a certain room, in North College, and he would have had ample proof that the Juniors were enjoying themselves. Thus was the night passed and as daybreak approached the campus gradually became cleared and the early morning signified that Freshman night and Freshman year for the class of Ninety-four was at an end.

ALUMNI NOTES.

Edward Morris Dyer, '72, died March 17, 1891. In August, 1868, he entered the Massachusetts Agricultural College, then under the presidency of Col. W. S. Clark. During his four years in Amherst he maintained a high average in scholarship. He was an enthusiast in the latest theories and speculations in agriculture, an earnest seeker for the easier methods of soil-culture, a worker in all schemes for the social and literary advantage of the students and also a consistent leader in the social and religious endeavors of the College Christian Union, of which he was one of the early members. He was the poet of the class of '72. His odes and serio-comic poems will long be remembered by the earlier members of the College. He was pre-eminently a loyal man—to his class, to his College, and to his State.

D. W. Dickinson '90, who is attending a dental college at Brockton, is now at home for the Commencement week.

Cards are out announcing the marriage of Edgar Gregory '90, and Miss Flora Dell Stebbins of Amherst.

Messrs. E. E. Knapp, H. C. Bliss and F. F. Noyes, all of '88, are in town during commencement.

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ONE more year of college life has faded away and Commencement with its crowded audiences, public speaking, banquets and receptions is at hand. To some of our number, it is indeed a Commencement in the fullest sense of the word. It makes the successful completion of four long years of study, during which they have striven to obtain that knowledge that would fit them for life. It is a Commencement of a new era in their experience, when they must go forth and alone win fame and honor for their *Alma Mater*. To these we would say as a parting admonition, do not forget your college paper. When in future years, you are surrounded by the troubles and cares of the business world, remember that AGGIE LIFE is with you in both success and misfortune, and her columns are always open for your communications.

WITH the last issue of the LIFE for this collegiate year, the Editors wish to thank the students and our friends for the support they have given us, during the short term that the management of the paper has been in our hands. We have tried to keep up the reputation left us by the former board and we trust, can safely say we have done so. Next year we hope to introduce new features into the paper, which will make it still more a credit to the college. We have now a circulation of four hundred copies; next year it must be five hundred. The alumni as yet have contributed but little in the literary line, but they have supported us well financially, as the subscription list shows. We remind the outgoing class of their obligation to the paper, and suggest that they deposit their subscription for the next volume before they leave their *Alma Mater*. Hoping to hear from all the old friends, and many new ones next fall, we wish you all a happy vacation.

THE failure of the cadets to take part in the parade Memorial day is to be regretted. Some time previous to the holiday, so many men expressed their willingness to take part in the exercises that the local G. A. R. Post had the fact publicly announced in their program and made arrangements for their entertainment. Last year two companies accepted the invitation and all were satisfied that their time was well spent. The military department of the college is something of which we should not be ashamed, and such an opportunity to show the public what we have accomplished in that direction should not be overlooked; moreover, this is a state institution, and most fittingly could its students have aided in celebrating a public holiday. But this is not the chief reason why the cadets should have participated in the exercises. It is the respect and reverence every young man should feel for his country's dead. In what better way can we show this reverence, than by joining the great army of soldiers and citizens who go on Memorial day to decorate the graves of those who gave their lives that we might live in a country of peace and prosperity.

It would seem from the exhibition of spirit both last year and this, that class day exercises have become an established part of the Commencement programme. This is something of which the students had ought to be proud. And as it seems to be a matter of pride for some classes to do everything in their power to avoid copying an example set by the previous class, we should all feel grateful that '91 has not shown any such unjust spirit in this instance, not, however, diminishing our gratitude to '90 for the strenuous efforts put forth by its members in this line. These exercises are about the last performed here by those graduating, as a class. For the last time, as members of the college they bring together reminiscences of the last four years, in verse and in song. All the buildings which they have frequented for so many months, all the spots which they learned to love, are unwillingly bidden farewell. The place resounds for the last time with the echoes of their beloved class yell. In this manner, by class day exercises, the true position of the graduating class is more clearly seen. The realization that those faces will be absent the coming year, that their persons will no longer be seen on the campus, at drill or mingling in our sports, is more clearly pointed out to the mind. These are the effects of class day

on the remaining portion of the students. What feelings are produced in the minds of those graduating, we can know only by experience. They must be, however, those of gratitude and loyalty to their *Alma Mater*, and must result in resolutions to become men, men of whom the college will be proud. These exercises are also a source of great interest to visitors. They come here to remain three or four days and are very grateful if always kept on the move, if the time is continually filled with some part of the programme. The more the better. So in years to come, let us hope that this new custom will be kept up, coming around to M. A. C. as often as Commencement presents itself to us. And let us resolve that we, at least, will do all we can to keep up the spirit in this direction, remembering the nobleness of intention with which it was instituted. It is for a good purpose and it is only fitting that the students should leave college with some such feelings as cannot be better produced than by class day exercise.

GLEANINGS.

—Now how about that?

—Look out for fresh paint.

—Tufts was unable to play here Saturday.

—J. E. Bardin '92, will return to college next year.

—The Senior class finished examinations May 29th.

—J. E. Bardin, '92, spent Saturday and Sunday in town.

—The military prize was divided between Eames and Legate.

—F. S. Hoyt, '93, spent Sunday, May 31st, with friends in Hadley.

—The Senior pictures have finally arrived after considerable delay.

—President Goodell was absent one day last week by reason of illness.

—The music of the mowing machine has begun to be heard in the land.

—F. L. Arnold has moved to the Experiment Station where he is to work.

—The Student's Handbook published by the Y. M. C. A. has been issued.

—It is reported that J. B. Knight, '92, will not return to College next fall.

—The College Shakespearean Club was photographed by Lovell last week.

—The Athletic Association has stored the field day apparatus in the basement of North College.

—The Hampden County Harvest Club visit the College Tuesday June 9th.

—The guns were all turned in last week for inspection by order of Col. Huse.

—The college boilers have been thoroughly cleaned, repaired, and painted.

—The battalion did not march Decoration day as it was expected they would.

—A number of students expect to work on the farm during the summer vacation.

—Prof. Mills attended the Commencement exercises at Boston University June 3.

—A large number of townspeople witnessed the display of fireworks Friday evening.

—Last week was Senior vacation but all officers were required to be on drill during the week.

—C. A. Magill, '91, attended the Commencement exercises at Boston University last week.

—The pictures of the base ball team, taken at Hartford, Conn., were received last week.

—The graduating class will hold their banquet in Springfield, Wednesday night June 10th.

—We are unable to publish all the class day exercises, as the paper goes to press earlier than usual.

—Five or six of the Senior class have accepted positions to work for the Gypsy Moth Commission.

—Rev. J. P. Hoyt of Cheshire, Conn., father of F. S. Hoyt, '93, preached in the first church June 7th.

—W. J. Goldthwaite and George Haley, formerly of '92, are visiting the college during Commencement.

—H. N. Legate '91, has accepted a position as assistant to the secretary of the State Board of Agriculture.

—Ex-Governor Goodell of New Hampshire and Dean of the Agricultural College, visited this College June 5th.

—The Seniors were entertained on the evening of June 1st by their classmate, H. J. Field at his home in Leverett.

—May 29, three Freshmen went to their botany recitation in a pouring rain while the rest of the class stayed away.

—The battalion was inspected on Monday, June 1, by Col. Huse, Inspector of the Atlantic division of the army.

—June 3rd, the Juniors visited the college grove and other places in Amherst under the guidance of Prof. Maynard.

—The Seniors took the written examination in Agriculture Saturday. The oral examination will occur Tuesday morning.

—The Freshmen had their field day Wednesday May 27. They visited the Notch and explored the Garden of Eden.

—The *Cycle* issued by the D. G. K. fraternity was put on sale yesterday. The supplement is to be issued Wednesday morning.

—The members of the band expressed themselves much pleased with the treatment they received at Wilbraham on Decoration day.

—Rev. Mr. Trask, of the Memorial church of Springfield preached in the chapel last Sunday morning. His text was Matt. 28:17, "But some doubted."

—Prof. Fernald invited the Junior class to his house June 2nd, to see his collection of insects and gained their good will by treating them to ice cream and cake.

—It was hoped that the Students working on the Gypsy Moth Commission would be here this week but the work is so pressing that Supt. Forbush can not spare them.

—June 1, there were no recitations the first hour in the morning, in order to give the students a chance to prepare for inspection, no recitations were held in the afternoon.

—F. G. Stockbridge, '92, has recovered from an attack of measles contracted while at work on the Gypsy Moth Commission. He does not intend to return to his work there this summer.

—At the boarding club meeting held Saturday night, only the president was elected, owing to a disagreement among the members of the club. The president for the fall term is W. H. Ranney.

—The class of '93 have elected the following officers for next term: President, F. S. Hoyt; vice-president, Benj. Sedgwick; secretary and treasurer, F. A. Smith; historian, G. F. Curley; class captain, F. H. Henderson; foot ball captain, F. H. Henderson.

—The Bay State Agricultural Society will hold an exhibition of farm machinery here Thursday and Friday, June 11th and 12th. The college will be inspected and lectures will be given by Prof. Fernald, Brooks and others. Assistant Secretary of Agriculture Willets has been asked to speak Thursday evening. It promises to be very interesting and instructive and all students will be repaid for staying.

—About half an hour after the exercises in the Stone chapel Sunday evening, a fire was discovered in the tower. The alarm was promptly given and the hose was immediately laid, but it was not needed as the fire was confined to the electric light box, and was soon extinguished with a few pails of water.

—The Thomson-Houston base ball nine did not play our nine here on Decoration day, as was expected, because they could not secure another game here and thought they could not afford to come for one game. Our manager tried to secure a game with the Williams Freshmen but was unable to do so.

—The three Fraternities and the Shakespearean Club held their annual reunion last night in their respective halls. Many of the alumni of each were present and all report a general good time. These occasions are always times of feasting and merriment, and last night's reunions were no exceptions to this rule.

KENDALL PRIZE SPEAKING.

MONDAY, JUNE 8, AT 8 P. M.

Freshmen.

CHARLES L. BROWN,	
The Capture of Quebec.	Anon
FRANK I. PARKER,	
The New South,	Grady
JOHN E. GIFFORD,	
Law and Faith and Freedom,	Hoar
ARTHUR C. CURTIS,	
Captain Hale and Major André,	Depew
Sophomores.	
JOHN R. PERRY,	
Against Whipping in the Navy,	Stockton
A. E. MELENDY,	
Work of a Clondburst,	Anon
LUTHER W. SMITH,	
The Doom of Claudius and Cynthia, Thompson	
HENRY F. STAPLES,	
College Oil-Cans,	McGuire

CAMPUS POEM.

W. W. GAY.

Four years ago, you well remember boys,
When our kind *Alma Mater* took us in;
And told us of the Agricultural joys
In store for us, of honors we could win.

Showed us the "campus," bade us enter in
And join her children in their sports and fun
For four short years, you know how it has been,
Of the defeats and of the victories won.

Upon this little *scroll* we have inscribed
Some of the incidents in simple rhyme,
That happened on the way, when we imbibed
So freely of the spirit of the time.

We numbered eight and twenty; felt our strength
More when we entered, than we did at length
When learned Sophs, our ardor quickly cooled
And bid us not to boast till better schooled.

By Sophs and Juniors, we were well received,
And we poor, simple Freshmen, just believed
Their interest shown in us to be sincere.
But soon their actions seemed so very queer,
They entertained us well, told us to be
Careful in joining a society.

"Select the best one" was the cry of each!
"Join ours if you the loftiest heights would
reach,"

Marks of affection they at first displayed
Seemed so fraternal, till our choice was made:
Then came a little coolness, then a chill.
Such things occur at college, always will.

One week had scarcely passed when we were told
By a few Juniors who seemed very bold,
That we must organize; so organize we did,
"Old Father Russell" was the lucky "Kid."
His dignity and years were timely sent,
Well fitting him for our first President.
We all were fond of water, as you know;
So we just tapped the "Pond" to see it flow;
And Billy was made captain, for his voice
Would make the saddest private's heart, rejoice.

With "Father Russell" and "Billy" ahead,
Gay, Johnson, and Mike in the rear,
Was quite enough, so everyone said,
To draw from a Junior a tear.

But oh, the wild Sophs! the bad, wicked Sophs!
Uninvited, very soon came,
And stacked up our tables, bedsteads and chairs
Without even leaving their name.

The Sophs a rope expensive bought
To "rope in" the new scholars;
But found at length what they had sought,
Cost them at least, nine dollars.

And that October evening,
When "Aggie" came to see
The Freshman class victorious,
And Sophs in misery.

The wild yell of the classes rang,
The Freshmen won the day;
And this old hymn the poor Sophs sang:
"I would not live away."

And when the cane-rush was proposed,
The Sophs in silence stood.
They'd had enough, and soon retired
Not in a happy mood.

E'er since, the cane-rush has not thriven
And "Aggie" smiles to know,
There's not enough of college leaven
To raise the cane-rush dough.

When we were kittens prone to play,
And "Tabby" gave advice,
When Warner in infinity
Told us we'd catch our mice;
When "Sammy tried to keep our thoughts
On plants of various hues,
And trotted out an hundred slides
Of microscopic views,

When we were studying hard to learn
Of science and of art,
Thoughts would creep in, make our hearts burn,
And often make us start.

Thoughts of South Hadley and her girls,
Of Smith's with her bright maids,

Their winning smiles, their flowing curls,
And the sweet words they said.

Love and Agricultural boys,
Go well enough together
Out of college, on the farm,
In the pleasant weather.

But when in college how they clash;
Then what a hue and cry.
Professor's eyes, oh how they flash,
How words of wisdom fly

From their wise minds out through their lips
And wither us like fire;
We then would rather pick up chips;
Plough, rake or dig in mire,

Than be a target for their balls;
They aim to hit, you know,
And when they shoot their victim falls,
Their score, this fact will show.

To that North College fire we flew,
Of course no one to blame?
It gave to one, Jack Horner, though
For climbing, quite a name.

On "Freshman night" our hearts were light
The Sophs were happy, too.
But off the cannon went somewhere
And we were rather blue.

But from the mortar that we found,
A monster charge we fired;
And the few Sophs, there seen around,
Were very weak and tired.

We had a big time, boys, that night,
As you will all declare.
Our only real grief was this,
The cannon was not there.

In Freshman year, if we excelled
In anything, 'twas this;
We learned the college yell, and yelled;
And never made a miss.

As elocutionists, 'tis said,
We were a great success;
We owe it all to Jonathan;
Which we will now confess.

How he would rave and elocute,
Till we thought him insane;
His voice oft sounded like the kine
A bellowing in the Lane.

On learning's ladder then we stepped
Upon a higher round;
And inquisition instruments
For Freshmen then we found.

Eight sturdy Freshmen we had lost,
But felt that twenty Sophs
Could vanquish any Freshman host
Who gave us jests or scoffs.

With erect form we oft were seen to pace
The college grounds, and often 'round the town
Were seen with damsels in their prettiest gowns.
At first we looked on Oscar with some awe;
In whose apparel never was seen a flaw,
Who founded *Aggie Life* and meaning well,
With pride and joy the paper tried to sell.
To him, it seemed that "Aggie's" life was naught
Unless each *Aggie Life* full ten cents brought.
At cattle-shows as Sophs we gained renown.

We well displayed ourselves at Belchertown.
Around the common twice, we proudly marched
In regimentals, with our dickeys starched,
Bewildering simple maidens as we passed
At whom we many college glances cast.
We with the cattle marched, but thought it fine
Though once we heard this shout "calves among
the kine!"

Onward we marched, till Hartwell shouted:
"Halt!"

It was a comfort, though we had no malt.
That turkey dinner! never such an one
Was ever eaten 'neath an autumn sun.
The wish-bones gathered, we prepared to drill,
The clouds their buckets opened and did spill
A shower of water on each aching head;
We wished that we were home and well in bed.
Our wishes were not granted, there we stood,
Wet, helpless chickens, with no one to brood.
We fooled around, fanned by the evening breeze,
With merry maidens till we thought we'd freeze.
At length we soldiers with the cattle started
Off for our homes, and with the maidens parted.
"The girl I left behind me" then was played.
How oft we've wished that we had longer stayed.
We dried our clothes, and went to Hampden
Park,

Intending there to finish up our "lark."
But in a snow storm had to meet and drill
Which was for us a bitter pill.
T'was said, the Governor gave us much praise
Which did our military spirits raise,
And we exultant to the opera went,
Not by our good and anxious parents sent.
We do not look upon *that act* with pride,
The Jekyl in us drove out Mr. Hyde.
But college Sophs, you know, grow better later;
Became an honor to their *Alma Mater*.
We were not angels all at once, you know,
As an occurrence that we now will show,
Reveals the slowness of our growth of wings
By doing many very foolish things.
One bright and lovely morning in the spring
When Christians offer prayers and robins sing,
Was found upon the campus or near by,
Greeting the good and faithful doctor's eye,
The doctor's chair, the pulpit and settees;
His indignation rising by degrees
Until he ordered all of us to prayers
For taking him and others unawares;
Playing a trick, tho' harmless, quite unfit
For students who should ever wear the bit
Of learning, and by it be ever led.
Each thought it a good joke and so they said,
And at the Chapel, full of fun and frolic,
We twisted round like boys who have the colic,
Waiting for medicine we knew he'd give;
Ready to take it, for we wished to live
In peace with the good doctor who well meant
And on our best advancement was intent.
From Proverbs he a wise long chapter read,
That touched our hearts, so every student said.
We think that all were better for his prayer;
He knew just what to pray,—and we were there.
But in the Encyclopedia there is given
Hardly enough to fit the soul for heaven;
But the good doctor opened it one day
To find no text to help us on that way;
But from his pocket drew a Testament
And preached from it, much to our discontent,
Giving the students words appropriate
To fit their souls for a more heavenly state.

We all felt guilty, and for many days
 We mended! so the students said, our ways.
 Professor Brooks informed the boys one day
 That for a time we'd better give up play
 And give more time to tilling mother Earth,
 Assisting her in giving cereals birth.
 It was a blow to every Sophomore.
 All prayed to be delivered, and some swore.
 Such utter nonsense imported from Japan
 They could not well receive from any man.
 But they well knew 'twere better to obey,
 That disobeying orders did not pay.
 So at their work reluctantly they went.
 No use to delay, they knew he'd not relent.
 Some thought that squashes would be just the
 thing;
 Some thought that early beets or beans would
 bring
 A better price; some thought that oats or rice
 Would need less labor and bring better price.
 Each hoped by labor to obtain a crop
 And make a little money for a prop.
 After long waiting, the result was this:
 Five score and seven dollars, giving bliss
 To twenty Sophs who took their hard-earned
 money.
 And like wise bees that hive their gathered
 honey,
 Kept it until from West Point came a call,
 Then in a hurry went and spent it all.
 Quite near the night, when Freshmen seek for
 fun,
 The wicked Sophs declined to hear *their* gun.
 They find the cannon and the Freshmen flocked
 Together on the campus, primed and cocked
 For battle with the Sophs if they advanced.
 They gave loud shouts and round the cannon
 danced.
 Soon as the Sophs a two-pound charge had fired
 They sought their rooms and hastily retired,
 Leaving the Freshmen to keep watch till morn.
 Of little use, for they, poor souls, were shorn
 Of all their glory by the Sophomores
 Who stole their fun, then safely locked the doors
 When "Freshmen's Night" arrived, to "Frank's"
 they went
 After some trusty messengers were sent
 To notify the Juniors to hold fast
 The cannon till their hour at "Frank's" was
 passed.
 Before the Juniors full possession took;
 The Freshmen to the basement went and shook
 Out fifty feet of hose; themselves prepared
 To drench the crafty Sophomores who dared
 To interfere with the arrangements made.
 For all their pains, they were but poorly paid
 For Sophs are always "up and dressed," you
 know,
 And little mercy to the Freshmen show.
 They cut the hose, the weakened Freshmen
 sighed,
 But more than this; at length, they almost cried
 When they soon after were compelled to pay
 Some eight and forty dollars for their play.
 We take a step upon a higher round,
 Into the mysteries of Junior year,
 We'll not forget as Juniors that we found
 At times the coast was very far from clear.
 The dignity of Juniors is well known,
 In our class it was quite plainly shown;

Mustache and whiskers half concealed the face,
 And at So. Hadley we were often seen
 ('Twas said in making love there we were green)
 We tried it on though, often, just the same;
 With Cupid's bow went seeking for our game.
 When off to see their cousins oft would stop
 At "Hamp." and take a little ginger-pop.
 With girls at Smith we oft would flirt a bit.
 Beneath the stately elms made love, and sit
 Until the evening shades bid us away,
 As gallant Juniors fearing nought, we'd stay.
 Juniors at Smith's and Amherst are like doves,
 Nothing affrights them as they tell their loves.
 At the expense of learning some will stay
 And often afterward have cursed the day,
 To think the Smith girls with their winning looks
 Kept them from "Aggie" and unopened books,
 But so it is, has been so in the past;
 We trust such folly will not always last.
 In time to come the Juniors may have sense
 Enough to know that life has mood and tense,
 And conjugation of the verb "to be,"
 As well as "love" is a necessity.
 The East Street Parish Guild we'll not forget
 Where oft the *ice cream* and our lips have met.
 We look with pity on the one who misses
 What we enjoyed you know, those *roasted kisses*.
 How often to North Amherst we would go
 Only to see the minister you know.
 Yet we have known some foolish eyes to wander.
 About that church in prayer time over yonder.
 You well remember that loud call
 From "Williston" to play base-ball.
 You well remember too, *that* Chase
 Who brought upon himself disgrace.
 Who gladly disaffection caused,
 As umpire, he had better paused,
 The team gave us much discontent.
 We know not what was their intent,
 But this we know, their etiquette?
 We have not quite forgotten yet.
 If they at "Aggie" should appear,
 They'd find us gentlemen I'm sure,
 Our *Alma Mater* does not rear
 Buffoons that no one can endure.
 What a gay time we Juniors had
 At the old Bay State Fair.
 At Fitchburg, Andrews thought us sad
 And bid us *wine-d* up there
 His sparkling wine revived our strength,
 We drank his health in glee,
 And Fishers vineyard reached at length
 And "took" his grapery.
 We wished that we, like Reynard, had
 Been out of reach of grapes,
 They tied some of us up so bad
 We took on ugly shapes.
 "Go to the dogs," the party said,
 "The kennels we would see."
 We then a trip to Clinton made
 And viewed the "doggery."
 Such dogs we ne'er had seen before.
 Some of them we were told
 Cost Mr. Thayer, their owner, more
 Than half their weight in gold.

Down by the ocean at "Athene" we landed,
 And took a survey of the "Hub."
 Then for a short time the party disbanded,
 Each seeking his favorite "club."
 But all of us met, at length, at the "Fair."
 The Bay State Fair, "at the Hall."
 And we saw, I am sure, everything there,
 Except baked beans and base-ball.
 The Freshmen in Juniors have always a friend
 Quite ready to serve them alway;
 You all remember, when asked to defend
 Those rifles and fire works one day,
 How the jolly Juniors all gathered together,
 Sang old college songs, 'till the break of day
 In the rush for ice cream, when we wondered
 whether
 The Seniors or Sophs would take it away.
 How the Sophs when defeated repaired to their
 quarters,
 Inviting all in but the Juniors to "beer."
 The deeds of that night, well it but little matters,
 Twelve months have elapsed and they've noth-
 ing to fear.
 From the Junior round on the ladder of learning,
 We took a step higher and Seniors became.
 With less of the love for fun in us burning,
 For our eyes were then fixed on honor and
 fame.
 We had a notion when we entered college
 That Junior year would leave us with much
 knowledge.
 As Seniors we should find our labors light,
 Think of the battles that we had to fight,
 Have little else to do but meditate
 And for Commencement anxiously await.
 We were mistaken though, you may be sure
 We found new trials ready, to endure
 The hardest work at "Aggie" yet undone.
 No time for rest, refreshment, or for fun.
 Too soon Noah Porter from old Yale appeared
 Was introduced to us as we had feared
 By his Psychology—that filled our howl
 Full to the brim with Science of the Soul.
 It was a heavy dose for us to take,
 We took it without words for "Aggie's sake."
 That not enough, they introduced another,
 We thought the fire within our brain he'd
 smother.
 'Twas Gen. Walker with a dose of tea
 Of his Political Economy,
 We took that, too, it did not cure our chill
 It made us worse, as it all others will,
 And more than this, we had an earnest call
 To drink from bottles upon chapel wall.
 Our fear of Prex. and Profs. grew less and less
 Which gave us confidence, insured success.
 Our thesis waiting for us gave us pain
 For it had waited for us long in vain.
 We wrested with it till our spirits sank
 And wished that Senior year could be a blank
 Had it not been for that delightful trip.
 We all were jolly, had not had *la grippe*,
 That trip you well remember to West Point,
 How we regaled ourselves at restaurants
 We took some money with us in our pants
 But all we had they took for a few *beans*
 And just a taste of dandelion greens.

What they called chicken soup they brought, but then

It did not have the smell or taste of hen,
We came to this conclusion: that they dipped
A chicken feather, quite untimely clipped,
Into a little water, then stirring well
Added some salt, 'twas ready then to sell
The Major was quite rattled when he found
That he had lost upon cars or sound
Eight hard earned dollars, we were ill at ease
He needed it to buy some bread and cheese.

At Highland Falls a royal time we had
To welcome Aggie soldiers they seemed glad
Opened the inn, prepared a menu rare,
Which we poor hungry Seniors did not spare.
Such are some of the incidents, we know,
That through our college life did flow.
To "Aggie Campus" we must say "Good-by."
Out on the field of life we'll pitch our tent,
And with our *Alma Mater's* blessing, try
To show the world her sons are competent
To do good work, where'er they are sent.

CLASS ORATION.

THE RESPONSIBILITIES RESTING UPON COLLEGE GRADUATES.

In the eyes of the world, there is a significant distinction between college graduates and other men. They are looked up to as possessed of superior wisdom and power, and capable of greater achievements. More dignity in manner and conversation is expected of them.

And why is it? Is there that in an education which should broaden a man's sphere of influence and make him a greater power in society? Is he made a better man or stronger for life's warfare? For an answer, let us look at some of the sources of strength that are offered to the young man in college.

Association with college mates gives easy address and manly bearing, and teaches the value of union and leadership. College and class relations furnish an excellent chance for character study. The study of the natural sciences is a potent influence in forming habits of intelligent observation. President Gates says that the wisest and happiest people in this life are those who see and enjoy the most in their every day surroundings. If a man perceives only one in a hundred of the objects that are reflected upon his retina, it is evident that he will not enjoy as much of the beauty about him as he who, having learned the signification of natural objects, observes fifty out of every hundred.

Again, the completion of a course of study implies not only the mastery of a certain number of lectures or books in various departments of learning, but also a mental discipline which qualifies the grad-

uate for higher usefulness than could possibly be attained without it. A man of ordinary common sense and mechanical ingenuity can rise to a certain height without a college education, but for lack of scientific knowledge can go no farther.

These are but a few of the many advantages the college man experiences, and shall it be said that he owes no more to the community than the uneducated? Is he not qualified to render more efficient service? Shall not the state demand more of him than of his less fortunate brother? Surely he ought to live a more useful and happier life than if he were without that four years preparation.

Opportunity implies responsibility, and the college graduate having enjoyed a full measure of opportunity, must not forget the responsibilities that are resting upon him.

He is responsible to his *Alma Mater*. To her he owes hearty allegiance and lifelong support. She has done much toward making him what he is. From her he has received a fortune in training, in discipline and in power. Let him acknowledge the gift, and use it in a manner befitting its value. It is through her graduates that a college influences the country. Her honor and good name are committed to their keeping. They must stand as lights in the world, and only as they show themselves faithful to the instructions she has given, can she accomplish the glorious work that has been given her to do.

The college graduate is responsible to the community in which he lives. Having become familiar with the existing state of progress in science and learning, he will not allow his neighbors to plod along in the old way, but teach them the economy of the new. He should be a leader to the community in industry and progressive thought.

"Knowledge is power" is a saying true almost to triteness, and yet we sometimes see college graduates who are of little use and without power in the world, simply because they have not applied their knowledge. Thoughts kept to one's self are useless. Knowledge without action is useless. Applied knowledge is power.

To the state, too, the college graduate owes a solemn responsibility. Through her fostering care the college often receives the financial help so necessary in enabling her to furnish means of instruction. These advantages come to him because of her wise and beneficent provision. To her, then, should the influences of his life be



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given. As a citizen, he must be loyal to her interests, not seeking of necessity any prominent office as the sphere of his activity, but remembering that the post of honor is the private station.

The college graduate is in duty bound to make the most of himself in whatever sphere of life he is placed. Every man is directly accountable for all the advantages he receives; upon the use made of them and his original endowments depends his success or failure.

Classmates! Life is before us. Whatever the past has been, we cannot bring it back. Life and the present are all that we call our own. With a high purpose and a firm resolve, and "with sympathies ever in the front rank of human progress," let us shoulder all responsibilities and with unstained honor richly endow the glorious symbols '91 and "M. A. C."

W. A. B.

ADDRESS BEFORE THE Y. M. C. A.

The address before the Y. M. C. A. was delivered in the Chapel Sunday evening before a large audience, by Rev. John Bascomb, D.D., LL. D., of Williamstown, Mass. His theme was, Largeness and Liberality of thought and action. He defined liberality to be a disposition to thoroughly respect the liberty of every man in the pursuit of the truth, to accept and enjoy that free personal activity and those variable conclusions which are incident to speculative and spiritual progress. It implies an earnest temper and has no affiliation with that spirit which is simple indifference, sets light by diversities of opinion, and argues from them that all opinions are equally uncertain. It rejoices in freedom of inquiry as the means of attaining the truth, not as a removal of the obligation to attain it.

This liberality is grounded in the nature of thought itself, whose premises must be given and its conclusions drawn under the clean, quick eye of reason. Liberality is also grounded in the affections. Those reefs that most of all break the peace of Christian life have been, and are, the ragged, inflexible edge of doctrines, left like a bed of rocks of some remote age, directly across the paths of spiritual commerce, a kind of Hellgate at the very entrance of the harbor. It should be the early achievement of our Christian engineering to blow up these obstructions on which our outgoing and incoming vessels, bearing the gifts of God from land to land, have so often been wrecked. A third ground of liberality is that fundamental fact or law

we term progress. Science needs to render its notion of evolution more elastic, to show its flexible quality, to see that hidden in the heart of things are powers of accretion and direction with which the divine wisdom abides; and religion, forgetting its many petty tricks of supernaturalism, needs to rest on the universe as a living whole, knit together in all lower and higher uses, and impelled onward as the self contained and converging thought of God. But progress means diversity, the rejection of all that is forced and rigid. The increasing diversity of belief is not a misfortune, but truth, the manifold forms and beauties it assumes. Liberality is grounded also in the notion of duty, which, while it divides, also unites men in a marvellous way. The largest individuality rests back on the broadest social life, and the soundest society supports each outstanding member of it of its own strength.

This liberality thus grounded in the nature of thought, in the overflow of feeling, in the universal fact of progress, and in the freedom of our moral constitution is pre-eminently demanded in our day.

PRESIDENT GOODELL'S ADDRESS
TO THE SENIOR CLASS.

GENTLEMEN OF THE GRADUATING CLASS:

Into each man's life there comes a time when there is set sharply before him the line dividing the thoughts and the memories of the past from the anticipations of the future.

Such a moment has come to you to-day. The work of preparation is ended and your life-service for the well-being of the world begins. As boyhood merged into youth, so youth has passed into manhood and the fruition of your hopes seems close at hand. The years that lengthen out before you are full of uncertainty and doubt, and you can neither understand what they have to bring you, nor yet can comprehend that the deepest mysteries of life are explained, and the deepest problems of life are solved not in the thinking, but in the living.

In the scholar's dream, the old man who had traversed the whole range of human knowledge, confessed at last that the universe still swept on beyond him vaster and more remote for all his struggle to master it,—that he had simply learned to live his own personal life with patience, with fortitude, with trust,—that only he who lives into truth finds it, and that love alone is immortal.

No sitting down with folded hands—no wistful dreaming of the great and good

which *may be*,—but simply with patience and with trust, performing the duties of each hour as they arise. Nor is this all. The joy of life is born out of hope and courage, and those possess life most fully who devote it to some good end. The worker never asks whether life is worth the living. The warm current of human love circling through his veins keeps him in touch with the human kind, and the good he does lights up his pathway with the inspiration of hope and courage. Life is at best a conflict. Every good thing lies beyond a battle-field and we must fight our way to it and there must be a struggle to enter in and possess it. If this is true in the physical world, it is equally true of the mental. The powers of the mind have to fight their way up to spiritual strength and development, and it is only through the stress and burden of the fight that they reach their perfect strength and vigor. Beauty and nobleness of character come only through long struggle and continued effort, and the wearer of the victor's crown is he who truly realizes that duty is the end in which all truth culminates.

Man is his own star, and the soul that can
Render an honest and a perfect man
Commands all light, all influence, all fate.

Young men! get all the joy and gladness out of your young lives you can and let the brightness of it follow you to the end of your days. Make happiness a duty, and let duty always be a happiness. Strive earnestly, each in his own proper sphere, in the spirit of old knighthood at its best, "for the glory of God and the relief of man's estate."

So live, that each day may be to you an open door to a new truth and a fresh life. So live, that living unto truth you may find it, and experience the blessedness of that love which is immortal.

So live, that you may take up and illustrate in your own lives the words of that great councillor and statesman, who turning from his dream of philosophic perfection could leave this precious legacy to his children: "It is now no mastery for you, my children, to go to heaven, for everybody giveth you good counsel, everybody giveth you good example; you see virtue rewarded, and vice punished, so that you are carried up to heaven by the chins; but if you live in the time that no man will give you counsel, nor no man will give you good example, when you shall see virtue punished and vice rewarded, if you will then stand fast and stick to God on pain of life, if you will be but half good, God will allow you for whole good."

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Quartermaster,	R. H. Smith
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" " "C,"	Elliott Rogers
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2nd Serg't, Co. "A,"	G. F. Curley
" " "B,"	J. R. Perry
" " "C,"	C. A. Goodrich
Corporal, Co. "A,"	F. G. Bartlett
" " "C,"	C. A. Smith

—The Senior promenade occurs to-night. Every one should make it a point to be present.

—The Class Day exercises passed off pleasantly yesterday afternoon, and were witnessed by a large audience.

—Prof. C. S. Phelps, class of '85, will be married Wednesday, June 10th, to Miss Orra A. Tarker at South Coventry, Conn.

—A large and appreciative audience gathered in the New Chapel Monday evening to hear the Kendall Prize speaking. The prizes were awarded as follows: Freshmen, 1st prize, F. I. Parker; 2d, prize, A. C. Curtis. Sophomores, 1st prize, J. R. Perry; 2d prize, L. W. Smith.

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AGGIE LIFE.

VOL. II.

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No. 1

AGGIE LIFE.

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Editorials.

WE take pleasure in presenting to you the first number of the second volume of AGGIE LIFE. The contemplated change has at last arrived and we hope that it will prove satisfactory to all. After a prosperous year and a long vacation we return full of "Life" and enthusiasm ready to make our college paper rank with those of other colleges, and we would respectfully ask the hearty co-operation of all alumni and students. As formerly, we send the first issue to all former subscribers and exchanges expecting a renewal. In our next issue we shall start an exchange column and we hope that we shall be favored with even more exchanges than we have had in the past.

THE foot-ball season is at hand, and the candidates are practicing daily under the directions of the two captains. Never before have so many candidates appeared for practice, and never has the training been carried on so systematically. With competition comes the fight for supremacy between individual players, and we can truly say that this year there is considerable competition, and a man

will obtain a position on the team only after hard and careful training. Every man is required to take a shower bath after every practice game; and theoretical instruction is given by the captain with blackboard sketches. Of course it is yet too early for us to predict as to our success this year, but with steady practice and careful training we may reasonably expect a fairly successful season.

THE young men that have just entered upon their college course should at once become acquainted with the Young Men's Christian Association. The various departments of the college offer to you great advantages for mental improvement, but aside from this you should also look after your spiritual culture. The Young Men's Christian Association offers an opportunity for this growth, and a substitute for the spiritual influences that surrounded you in the homes from which you have come. This spiritual culture combined with the mental power will cause the upbuilding of a strong character. We must remember that the first friends and associations formed in college have a great influence on our after life. The first term of the college course may be the pivotal point of your life. To all new students, the Young Men's Christian Association extends a cordial welcome, and an earnest invitation to join its ranks.

AT the commencement of the college year can not each student with profit make a careful self-inspection, and see if thereby he does not find that he is unconsciously breaking the eighth commandment. The hour assigned to a recitation or lecture belongs to each individual student who attends, and in consequence of this ownership, he is entitled to all that can be obtained from the lecture or recitation of that hour. If those students whose interest is not aroused by the subject under discussion, whisper, rattle papers, or otherwise dis-

tract the attention of such members of the class who are interested and who do wish to obtain the full benefit of the recitation or lecture, then such students are literally robbing the other members of the class of their lawful rights in the class room; while on the other hand, by paying careful attention, even if the subject is distasteful to him at first, a student may develop interest in it, which may result at some future time in being of great practical use to him.

On our return to college Sept. 2, we were anything but agreeably surprised to hear of President Goodell's departure for Europe. Since last January, however, everyone clearly saw that he was physically unable to perform his accustomed duties which altogether occupy a great deal of time and thought. So that, while his absence is to be daily noticed and regretted, all bow in submission, knowing that only absolute necessity could tear him away from the college of his heart. Meanwhile, Professor Fernald is acting president and librarian, which together with his regular duties, makes his time very fully occupied. But our knowledge of the professor compels us to place our utmost confidence in his abilities, and the respect which is due him from the students will certainly demand our coöperation with him in his labors. The date of President Goodell's return cannot be definitely fixed, but being under the influence of Europe's invigorating air through the autumn months, he hopes to be with us by January 1. At all events, our hearts are with him in his travels, and all earnestly hope that he will soon recover his health, and be permitted to return once again to his duties.

THE raising of the standard in scholarship for admission to the college, as well as for term rank, will we think, prove very successful in every point, notwithstanding some seemingly bad results. One of the main objects for the change was to have the entering classes more proficient in the preliminary studies. The advisability of this is apparent. By it a student is prevented from entering the college before he is able to take up work of a more advanced nature than he has been accustomed to, and for which a thorough knowledge of the preliminaries is necessary. It moreover involves the ex-

cellences of the college itself. The fact that the Freshman class is not up to the average in point of numbers would seem at first to indicate that the new standard was not as successful as the old, especially when we learn that a large number of students were debarred from entrance, that could easily have entered had the standard not been changed. But taken from another standpoint, namely that of increased fitness for college work, we cannot condemn the new standard of scholarship in the least. For this reason the entering class ought to attain a much higher degree of merit in college work than it could had it been larger but less prepared. Another fact, strongly showing the impetus a higher standard in scholarship has given, is that nearly every undergraduate has returned back to his studies. The percentage of students dropped out of their classes at the close of last year, has probably never been so small in the history of the college. All things considered, a high standard has produced excellent results both for the college and for the students.

ONE of the great problems which are sure to come before the student at the beginning of a new term, is that of so proportioning his time that he may give proper attention to every duty and still have a surplus left over for recreation. A long vacation will often times have a demoralizing effect on a student's ability in this line, and so it happens that at the commencement of a new term so many complaints are heard of a lack of time in which to do the work required. Study of course requires a large share of the student's attention; athletics and other healthful exercises must not be neglected, while there are countless small but important matters which are constantly claiming his time and thought. He is expected to frequent the library and improve his literary taste by reading; he is invited to contribute to the next edition of the college paper, or is requested to take part in the exercises of his literary society, preparation for which will demand more or less time and labor. Besides this he is often obliged to devote a certain portion of his twenty-four hours to work. Is it then any wonder that even the best of students sometimes fail in meeting all that is required of them? To arrange a program for each day's work requires good judgement and foresight equal to many stations of

business life. Experience only will enable a man to succeed in this respect. Now, at the commencement of this new term and year of college life, every student should devote himself to learning how to meet his requirements in the time at his disposal, remembering that knowledge of this kind will in many cases determine his success or failure in business life.

Contributed.

WHAT SHALL I DO?

By DR. J. B. LINDSEY, '83.

PART I.

The AGGIE LIFE offers us, as alumni, an opportunity of talking with the present students of our *Alma Mater*, whenever we have a word to say, or suggestion to make. A few thoughts have been lingering in my mind for some time and I take this occasion to communicate them. Many of you during your student life have in consideration plans, more or less definite, as to your future employment after graduation, while perhaps others are in a state of indecision or total darkness regarding the matter. I think it would be an excellent idea for a few of you, who have the courage, to prepare yourselves to become instructors and eventually professors of Agriculture.

We have at present nearly fifty agricultural schools and colleges in the United States. Some of these colleges are now, if I am not mistaken, and others will be from time to time, in search of the right kind of men, for professors of Agricultural Science. I hold that a man to fill such a position should receive a very advanced education, and I would not have you believe that after having been graduated at M. A. C. you are sufficiently fitted to step directly into such a position. The progress in Agricultural Science to-day is wonderful, and the man who would fully comprehend the situation as it is, and be in the front rank among those who are helping to advance it, must have a thorough training, not only in Agricultural Science itself, but in the sciences so nearly akin to it. Do not however think that I am trying to belittle our own college. The fact is that while M. A. C. presents valuable courses of study, many of them are not sufficiently

advanced, and were not intended to be, to fit a man for such a position. I am looking forward with much hope for the day to come, and I believe it is not far away, when M. A. C. will offer to those of its students who desire it, an opportunity for advanced study in agricultural and kindred sciences, second to none in the United States, and on a par at least with the best to be had in other countries. There is a real need for such instruction now.

But you ask, how would you attempt to fit yourself for such a position? If I were to answer such a direct question without going too much into details my reply would be somewhat as follows: Were I a student at M. A. C. and had such an end as the one under consideration in view, I would endeavor to obtain good training in practical Agriculture. If you are a farmer's son you have much to your advantage. If not, attempt to familiarize yourself as much as possible with practical farming, by spending your vacation on good sized farms, operated by clear headed successful men, who are gaining their livelihood from the pursuit. Master in a measure at least, the details of practical farm management; become a practical farmer. All those who have accomplished this would do well, if time and opportunity permit, to spend some times on farms where a system of special farming is carried on, as for example stock-breeding, market gardening, etc. If you have done this, you will have gained a great deal of practical information; you will have comprehended to an extent, the actual condition of farm practice and management; you will have made great progress to your goal. If by this time you have become a graduate of M. A. C. you ought to be ready to take a few years of advanced study under the best possible conditions.

What shall you study and where shall you go? These are the questions to be answered. You are now certainly in condition to receive advanced instruction in scientific Agriculture. You must seek the ablest men that are to be found, work with them and observe how they work. But you cannot be an investigator in Agriculture, you cannot get at the ground laws governing the science, without a considerable knowledge of the sciences so closely related to it. I think some extra Chemistry would do you good. I know you must have had a good course in Inorganic Chemistry, but I fear you are

weak in Organic, and what more especially might be termed Physiological Chemistry. Good courses in lectures on these subjects, together with some laboratory practice in what we term Agricultural Chemistry, such as milk analysis, fodder analysis, fertilizer analysis, would be valuable to you as an advanced student. I would not have you spend too much time in advanced laboratory practice, but some practical work is necessary, to make you familiar with those elements, compounds, and groups of compounds with which you will especially have to do, as an instructor and investigator. To Botany I would devote considerable time. In Systematic Botany you are already well grounded I think, but you need to know Anatomical Botany or plant anatomy, as well as Physiological Botany or the laws regulating plant-growth. Here Chemistry and Botany as it were join hands, and we must be familiar with both sciences. Right here I would add that some knowledge of Animal Physiology should also be had. In Cryptogamic Botany we must familiarize ourselves with the different groups and families of fungi, and the different plant diseases produced by them. A knowledge of Bacteria especially those with which we have to do in Agricultural science and practice, you should also have. For example, I would not have you ignorant concerning the life of the little plant producing alcoholic fermentation, and if the bacteria that transforms this alcohol into active acid, in other words with the Chemistry and Physiology of cider and vinegar manufacture. Of Geology you certainly should have some practical knowledge. You ought to be familiar with the principle characteristics of the different geological formations, learn to know the different soils produced from these formations in different sections, the causes of the formation of springs, etc. Zoology and especially Entomology with reference to insects injurious to agricultural plants, should be studied, and it would be a most excellent idea to have some theoretical instruction, and do some practical work in Veterinary Science, as well as Mechanics.

Right here I would say, do not expect to get all this knowledge from books. Books are valuable aids but such knowledge can only be acquired by work in the laboratories with chemical and physical apparatus, by work with the microscope, and by

work and tramps in the open field. Now do not understand me to say that you are ignorant of all these subjects after having been graduated at our college. I have attempted to outline a course of study that a person should pursue, to become an intelligent instructor and investigator in Agricultural Science. In many or all of the above subjects you have had instruction, but in some cases at least, it has not been extended enough to give you that grasp of the subject you will need in order to carry on your future work to best advantage. It would not be out of place to add, that it would be wise for you while a student at college, to pay special attention to the sciences that we have above mentioned. In your future study, you must supplement and deepen the knowledge you already have.
Göttingen, August, 1891.

OUR OBJECT IN LIFE.

How many beautiful visions pass before the mind in a single day, "when the reins are thrown loose, and fancy feels no restraint!" How curious and interesting would be the history of the workings of a single mind for a day! How many imaginary joys and airy castles pass before it which are all destroyed before they reach realization. What one of us has not imagined a term more full of honor and joy than was ever experienced, or weeks more full of pleasure and running over with duties done than ever falls to mortal. These may be dreams of the imagination, but they are common to the student.

To those who live for themselves alone, these are all which ever come. But great minds have their anticipations,—not merely the paintings of fancy, but realities—which patient thought discovers. Indeed, our characters may be tested in part, by our anticipations. If our thoughts are continually shifting from one earthly bubble to another, though our hopes may be high, it is poor proof of our character.

What is the outgrowth of these anticipations, these day dreams? Does not the fulfillment of our object in life depend upon these? Habits formed now remain through life, and as our thoughts now are for good or evil, so will be our future influence in the world. Everyone should occasionally be alone with himself, but at such times it is the greatest mistake to allow one's fancy to carry him away into impossibilities; but rather it should be kept upon some worthy object of real life.

The world as a mass of individuals has misunderstood the true object of life. The history of mankind has its pages all stained with blood. Its pride and ambition terminates in war and blood shed, and in the destruction of all that is good and lovely. Look at Xerxes and his five million men! Was there one among that number, from the highest to the lowest, who was fulfilling the object for which he was created? Again, look at the avarice of unscrupled men that has been preying upon the vitals of Africa! Thirty millions of slaves have been kidnapped and carried from their native land. Suppose the same time, money and effort had been spent in spreading the arts of civilization, learning and religion over the continent of Africa; what a vast amount of good might have been accomplished, Are not these and many other examples the direct results of perversion of the mind and abuse of the intellect?

Let us conceive of a young mind with faculties equal to Milton. Suppose that this mind, instead of evolving sublime verse, had wasted its powers in sketching the filthy plots of dime novels! Would not every right minded person deeply regret such perverseness? Man was created for purposes high and noble.

Look at various individuals. Here is one whose only thought is upon his latest investment; here is another whose sole object of life is his exaltation in the eyes of the public. Have these a just conception of the object of life? Should we waste our time dreaming only of selfish plans? Have we not rather a duty to our fellow men to perform? And can we not do it by fixing our aim at the nobler things of this life?

Emerson says, "All things exist in the man tinged with the manners of his soul." If this be so, let us train manners and our thoughts so that the nobler part of our characters may be developed and thus fulfil our true object of life.

WELCOME, '95!

"Now Welcome to the Freshman class!"

The valiant Sophomores cry,
"We know you are a plucky class,
We see it in your eye;
Examinations squelched you not,
But still you are alive
And no professor dared to mark

You less than sixty-five.
This shows that brains you do not lack,
For which we give you praise
[They'll help you on tremendously
In these, your college days.]"

"They say you can play foot-ball some,
They tell us you can sing.
All right, that suits us very well,
Just make the campus ring
With Rah! Rah! Rah! for Ninety-five
Until you all are hoarse,
But do your best. Old ninety-four
Will beat you there of course,
For we're a larger class than you
And oh, how big we feel!
The English language only seems
Our greatness to conceal.
And so we try to *parlez-vous*
And our importance quench,
But never mind, you Freshman class
Can never study French.

"So welcome now to Ninety-five,
We hope you've come to stay,
We'll help you on as best we can
In every *proper* way,
And next year if you have good luck
And honest are and true,
Each member of the Freshman class
May be a Sophomore too."

NINETY-FIVE.

Rah, Rah, Rah, for Ninety-five! After months of idle speculation, during which rumors of all sorts were rife concerning this all important body of men, authorities and students alike have at last been permitted to view for the first time this new acquisition upon which depends in a great degree the future welfare of our college.

Promptly at the stroke of the bell on the morning of the second of September, the class of ninety-five marched boldly into the chapel, then and there to commence its toilsome journey along the narrow path that leadeth into knowledge and a sheep-skin. Although surpassed somewhat in numbers by its predecessors, the Sophomores, it did not appear to be in the least dismayed by its inferiority in that respect, but seemed determined to hold its own whatever might happen. And now that it has become firmly established on its way there is no doubt but that the class of ninety-five will contribute no small share to the varying events of college life, and will attain certain success in the end.

Gentlemen of the Freshman Class: As you lay to-day the foundation for your college course it would seem but fitting that we should offer for your benefit a few words of advice and encouragement which our long experience enables us to give. In the first place you should know yourselves. You should realize that you represent not only the four quarters of this college town, but that your members hail from the length and breadth of this great commonwealth of ours. Yea, even more; from the distant isles of the Pacific. Having once acquired a thorough knowledge of yourselves you should so mould your actions that your example will be worthy of imitation by all following classes.

Take fast hold of Instruction, just as you would a ninety-four man in a rush. Learn the equivalents of the metric system as you have the multiplication table; study your declensions faithfully; perform your problems if you can, but do not crib! Woe be unto him who is caught at such a practice at the M. A. C.! Always take ten minutes to ascend the botanic path to recitation, and likewise take ten minutes to descend the same unless it be the last hour when you should hasten to the Boarding house with all possible speed. Beware of Pelham water and the Owl club. Danger lurketh in both. If you own a musical instrument for pity's sake play it in the day time and join the band at your earliest opportunity. Join a society of course, but join the right one. Be sure of that. Pay your bills promptly, especially your subscription to AGGIE LIFE. Do your best at the rope pull; play foot ball; follow your captain; paddle your own canoe through all the Reads and rushes that may grow in your way, and you will be sure to "get there." With a parting injunction to keep on the right side of the faculty and to write for your college paper we leave you in the tender hands of Fate and ninety four.

THE GLEE CLUB.

Promptly after the opening of the term the Glee Club held a meeting and unanimously agreed to continue the good work began last winter. When first formed its future was, like all new undertakings, very uncertain, but all manfully worked together and the results shown last commencement were more than a recompense for the labor and time expended, as everybody was taken by surprise at the

success. And now this year, under the leadership of H. D. Clark '93, and the management of L. W. Smith, '93, the Glee Club proposes to continue in the same line of improvement. Being for the greater part composed of energetic men, its future looks like a very bright and prosperous one, and one that will be looked on with pride by M. A. C. and her friends.

RECEPTION OF THE SENIORS BY PROF. AND MRS. FERNALD.

On Friday evening last, Prof. and Mrs. Fernald most hospitably entertained the members of the Senior class. As the recipients of such hospitality the Seniors desire to express their appreciation for the entertainment they have received, for this the second time as the guests of Prof. and Mrs. Fernald.

Informal association of professor and student is the prime factor in the growth of confidence and honor of the latter for the former, and in whatever way this is brought about such confidence and respect are highly essential to the welfare of a college.

As a rule, students while in college have but few opportunities for social enjoyment, and by these informal receptions they not only become more intimately associated with their professors, and with each other, but also receive social advantages of the benefits of which they would otherwise be deprived.

OFFICERS ELECTED AT THE MASS MEETING, SEPT. 4, 1891.

ATHLETIC ASSOCIATION.

President,	G. E. Taylor
Secretary and Treasurer,	J. R. Perry
1st Director,	E. Rogers
2d "	F. H. Henderson
3d "	G. O. Sanford
4th "	G. A. Hubbard

BASE-BALL ASSOCIATION.

President,	H. E. Crane
Secretary and Treasurer,	G. F. Curley
1st Director,	G. B. Willard
2d "	H. C. Davis
3d "	C. H. Barton
4th "	H. B. Read

FOOT-BALL ASSOCIATION.

President,	E. Rogers
Secretary and Treasurer,	J. Baker
1st Director,	G. B. Willard
2d "	F. H. Henderson
3d "	J. E. Gifford
4th "	E. F. Dwyer

READING ROOM ASSOCIATION.

President,	H. B. Emerson
Secretary and Treasurer,	F. H. Henderson
1st Director,	H. M. Thomson
2d "	J. Baker
3d "	A. J. Morse
4th "	E. A. White

POLO ASSOCIATION.

President,	Wm. Fletcher
Secretary and Treasurer,	E. H. Lehnert
1st Director,	G. B. Willard
2d "	J. R. Perry
3d "	F. I. Parker
4th "	C. M. Dickinson

TENNIS ASSOCIATION.

President,	C. S. Graham
Secretary and Treasurer,	E. J. Walker
1st Director,	A. T. Beals
2d "	W. H. Ranney
3d "	C. F. Johnson
4th "	S. Karoda

W. I. BOYNTON, *President*,
H. B. EMERSON, *Secretary*.

DESTRUCTION OF THE MT. PLEASANT
HOUSE BY FIRE.

Last Friday morning about 12-45 the beautiful buildings of what is known as the Col. Clark place, situated on the hill east of the college were discovered by the inmates to be on fire. The two buildings burned simultaneously showing clearly that the origin of the fire was incendiary. The alarm was given at the college by one of the students, who observed the fire at about one o'clock. The hose carriage was immediately manned and, preceded by nearly every man rooming in the college buildings, was taken to the grounds of the burning house; but owing to the lack of proper hydrants it was useless, and even with the means of obtaining water the fire had gained such headway that it was beyond control. In about an hour nothing was left of either house or barn but the chimneys and foundations. Three pianos and most of the furniture in the lower story were saved by the prompt action of the students, and but for them practically everything would have been lost. The horses and herd of Holsteins occupying the barn were rescued by members of the family.

The property belonged to W. F. Bullman, formerly a practicing physician in Brooklyn, N. Y. The families of Dr. Bullman and Lawyer H. C. Nash of Amherst and several visitors were in the house at the time of the fire, and all escaped uninjured. The house was occupied for twenty years by Col. W. S. Clark, former president of the college and by him was made one of the finest residences in town, and the loss of it will be keenly felt by every lover of the beautiful.

College Notes.

GENERAL EXERCISES.

8-15 A. M.,	Chapel.	10-30 A. M.,	Church, Sunday.
8-30 A. M.,	Inspection Rooms, S.	4-00 P. M.,	Drill, M. Th. F.
SENIOR.		SOPHOMORE.	

A. M.		
8-30.	Mental Science.	Agriculture, M. Th. F.
		Botany, T.
		French, W.
9-30	Agriculture, M. T. Th.	Chemistry, M.
	Military, W.	Trigon. or Chem., T. Th. F.
	Rhetoricals, F.	Agriculture, W.
10-30	Chemistry, M. T. Th.	Trigon. or Chem., M.
	Agriculture, W.	Botany, Th.
		Agriculture, T.
		English, W.
		Chemistry, F.
10-30	Chemistry.	French, M. T.
		Botany, W. F.
		Chemistry, Th.

P. M.		
1-30	Veterinary.	Botany, M.
		Chemistry, T.
		French, Th. F.
2-30		Military, 1-2 term, M.
	JUNIOR.	FRESHMAN.

A. M.		
8-30	Mensuration, M. T. Th.	Chemistry, M. T. Th. F.
	Agriculture, W.	Latin, W.
	Market Gardening, F.	
9-30	Zoölogy, M. T. W. Th.	Algebra, M. W.
	Market Gardening, F.	Latin, T.
		Chemistry, Th.
10-30	Zoölogy, M. T. W. Th.	English, M. F.
		Algebra, T.
		Latin, Th.
11-30	Rhetoric, M. T. W. F.	Botany, M. T.
	Agriculture, Th.	Algebra, Th.
P. M.		
1-30	Market Gardening, T.	English, M.
	Rhetoric, Th.	Botany, W. Th. F.
2-30	Market Gardening, M. T. Th.	Military, 1-2 term, M.

—"Very skillful."

—Wanted.—Some one to play the organ.

—We are to have new goal posts this year.

—R. E. Smith, '94, carries the mail this term.

—The Senior class starts for West Point to-night.

—There was no inspection of rooms last Saturday, Sept. 5.

—There are more students in college now than ever before.

—The battalion will be organized into four companies shortly.

—The band has re-organized under the leadership of Mr. Lehnert.

—A new barn has been erected during the summer at the State Experiment Station for storage purposes.

—Prof. Paige has been studying in Montreal during the summer.

—Freshman to Senior:—"Will you please excuse me from expection?"

—The Junior class is visiting the Horticultural fair in Boston to-day.

—James E. Bardin, ex-'92, has returned to college and entered '93.

—A. R. Streeter, '94, is now managing the second hand furniture business.

—Benj. Sedgwick, '93, has left college to take a position with a civil engineer.

—There are between seventy and eighty boarders at the boarding house this term.

—J. Austin, '94, has left college to enter upon classical studies at Holy Cross.

—Quite a number of students are unable to obtain rooms in the college dormitories.

—The tennis courts have been put in excellent condition and are well patronized.

—We regret to announce the resignation of Benjamin Sedgwick from the LIFE Board.

—The foot-ball managment is about to purchase new well padded pants for the players.

—The Freshmen are made conspicuous by their absence on the foot-ball field. Wakeup, '95!

—J. R. Perry, '93, and C. A. Goodrich, '93, returned this year with new Columbia safeties.

—Lieut. L. W. Cornish was one of the judges at the prize drill held at Northampton, Labor day.

—The flag staff has been shortened two feet, owing to premature decay, caused by exposure.

—Trinity wishes to play here on the 18th; but as yet no satisfactory arrangement has been made.

—The Y. M. C. A. meetings are well attended this term. May the interest increase still more.

—Many of the students, especially those of '95, have been ill the past week as a result of Pelham water.

—A person from one of the rural districts of Mass. wrote recently for a bulletin of the Hatching Station.

—H. D. Clark, '93, has bought out W. H. Ranney, '93, and is now prepared to sell all kinds of student supplies.

—Sept. 9th the Freshmen and Sophomores contested for supremacy on the botanic walk. Both classes were victorious.

—*Rah, Rix, Rive! Rah, Rix, Rive! Whackety, Whack, Whack! Rackety, Rack, Rack! Rack, Rack, Rack! Rack, 95!*

—Who is going to win those tennis prizes? The officers of the tennis association are to be congratulated for their energy and enthusiasm.

—The class of '95 has challenged the class of '94 to a rope pull with six men on a side, to occur Oct. 14 at 5 P. M. The challenge has been accepted.

—The flower bed laid out by the class of '91 looks very beautiful just at present, but it is not destined to remain so long, if foot-ball is played on the lawn.

—The following prizes are announced by the Tennis Association: Doubles, 1st prize \$5.00 in gold; 2nd prize \$2.00; for singles, 1st prize \$3.00.

—The Freshmen have elected the following officers: Pres., F. Dwyer; vice-pres., R. W. Drury; sec. and treas., C. S. Cooley; class captain, H. B. Read.

—Freshman to crowd:—"I think those foot-ball suits are of good color, for when the men are running around you can't tell which is the ball and which are fellows."

—Why not begin talking pond now? Perhaps if we do we will have one this winter which will allow us a day or two of skating, if only one or two get on the ice at a time.

—The officers of the different associations are published in another column, with the exception of the Owl Club. These our special reporter has been unable to obtain.

—Who says we have not an efficient fire department? Ten minutes after the alarm was given the hose carriage was at the fire followed one hour later by the local department.

—Freshman to Prof. Fernald:—"What branch do you teach?"

Prof. Fernald:—"I am professor of Zoölogy."

Freshman:—"Oh! bugs and rocks. Good thing!"

—The class of '92 elected the following officers at the beginning of the term: Pres., W. I. Boynton; vice-pres., E. T. Clark; sec., H. B. Emerson; treas., E. B. Holland; foot-ball captain, Elliot Rogers; class captain, H. E. Crane; historian, G. E. Taylor.

—Prof. C. H. Fernald has been studying the habits of the cranberry insect at Cape Cod this summer, under the direction of the Hatch Experiment Station and has also acted as scientific adviser of the gypsy moth commission.

—The officers of the boarding club for the term are as follows:—Business manager, W. H. Ranney; secretary and treasurer, F. H. Henderson; 3d director, H. M. Thomson; 4th director, F. I. Parker; 5th director, G. F. Curley.

—The captain and manager of the foot-ball team were chosen on the morning of Labor Day. The result of the ballot was G. B. Willard captain, and H. B. Emerson business manager. J. R. Perry was elected captain of the second eleven.

—The Washington Irving Literary Society met Friday evening and elected the following officers: President, F. S. Hoyt; vice-president, F. A. Smith; secretary, H. G. Stockwell; treasurer, C. H. Spaulding; 1st director, H. B. Emerson; 2d director, H. F. Staples; 3d director, C. P. Lounsbury. Next Friday the society will hold an extemporaneous debate.

—At the Commencement week meeting of the Board of Trustees it was voted that the Committee on Course of Study and Faculty be authorized, with the approval of the Faculty, to make exceptions to the rule of the college which forbids special courses when a partial course is desired.

Voted; also, that the Committee on Course of Study and Faculty be instructed to confer with President Goodell upon the matter of a vacation for the president and to express to him the earnest desire of each member of the Board for the complete restoration of his health and that he take time for rest and recreation sufficient to ensure a complete recovery, and that the time necessary is hereby placed at his disposal with a continuance of salary.

Voted; that the matter of appointment of an acting president be referred to the Committee on Course of Study and Faculty with full power to appoint.

The Committee on Course of Study and Faculty in accordance with the above vote have appointed Prof. C. H. Fernald acting president during the absence or inability of President Goodell, the president having been granted a vacation, with leave of absence until January 1st next, and as much longer as his restoration to health may require.

TWO VIEWS,

IN THE GYM.

He was a Freshman, tall and slim
As Freshmen ought to be,
And when he practiced in the Gym.
He was a sight to see.

His muscles all were hard as iron,
In strength he did surpass,
And all declared he'd surely be
The athlete of his class.

ON THE CAMPUS.

Here stands our Freshman proud no more,
His hopes dashed to the ground;
He knows that in at least one thing
His match he's surely found.

His posture tells of agony,
His face of pained surprise,
And all because of that one thing,
That second exercise.

Hi, pretty Mabel, plump and sweet,
I watched you walking down the street.
Sharp the scream and prompt the squeal,
You've slipped upon an orange peel.

Tears will rise.
And folks will stare—
Two ankles twinkle in the air.

—Outing.

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Henry Arthur Ballou,	Swanszea, N. H
Waldo Lewis Bemis,	Brookfield, Mass
George Austin Billings,	So. Deerfield, Mass
William Clay Brown,	Peabody, Mass
W. H. Brown,	Amherst, Mass
Albert Franklin Burgess,	Rockland, Mass
Edile Hale Clark,	Spencer, Mass
Robert A. Cooley,	So. Deerfield, Mass
Charles Winfred Crehore,	Chicopee, Mass
Forrest Barrett Cutting,	North Framingham, Mass
Alfred Davis,	West Roxbury, Mass
Charles Morrison Dickinson,	Park Ridge, Ill
William Bradford Dodge,	Boston, Mass
Ralph Willard Drury,	Atbol Center, Mass
Elmer Francis Dwyer,	Lynn, Mass
Herbert Stockwell Fairbanks,	Amherst, Mass
Thomas Patrick Foley,	Natick, Mass
Harold Lock Frost,	Arlington, Mass
Albert Daniel Hemenway,	Williamsville, Mass
Edward Harris Henderson,	Malden, Mass
Samuel Francis Howard,	Wilbraham, Mass
Guy Agustus Hubbard,	Ashby, Mass
Robert Sharp Jouis,	Dover, Mass
Asa Howard Kimball,	Melrose Highlands, Mass
Shiro Kuroda,	Japan
Clarence Bronson Lane,	Killingworth, Conn
Jasper Marsh,	Dauvers Centre, Mass
Amos Hall Mason,	Medfield, Mass
George Henry Merwin,	Westport, Conn
Walter Levi Morse,	Middleboro, Mass
Jacob Parker,	Plymouth, Mass
Henry Blood Read,	Westford, Mass
Wright Asabel Root,	Deerfield, Mass
Salomè Verand Sastrière,	New York City
Frederick Bridgman Shaw,	South Amherst, Mass
Arthur Bell Smith,	North Hadley, Mass
Clarence Linden Stevens,	Sheffield, Mass
Efford Earle Taylor,	North Amherst, Mass
Frederick Clinton Tobey,	West Stockbridge, Mass
Enrique Tinoco Volio,	San José, Costa Rica
Frank Lafayette Warren,	Shirley, Mass
Percy Loring Weed,	Boston, Mass
William Benjamin Wentzell,	Amherst, Mass
Edward Albert White,	Fitchburg, Mass
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Alumni Notes.

Mr. E. R. Flint, '87, who is at present studying in Germany, is spending a portion of his vacation in company with his family traveling in Europe.

J. B. Lindsey, '83, received the degree of Doctor of Philosophy last June and was offered the position of assistant to Prof. Leibscher, director of the Agricultural Institute, but refused, accepting the position of assistant to Prof. Lehmann director of the Agricultural Experiment Station. He will remain in Göttingen until spring and will probably remain in Europe until July, 1892.

W. C. Paige, '91, enters the Junior class at Cornell this fall.

H. M. Howard, '91, is market gardeuing in Winchester.

Murray Ruggles, '91, will enter the Thomson Houston Electric Light works at Lynn this fall.

H. N. Legate, '91, has been appointed second clerk in the office of the State Board of Agriculture under rules prescribed by the Civil Service Commission. F. H. Fowler, '87, holds the position of first clerk.

Dwight L. Hubbard, '89, has a position in the City Engineer's office, City Hall, Boston.

Claude A. Magill, '91 has entered the service of Boston & Maine R. R. in engineering work. His address is 15 Cedar St., Malden, Mass.

Owing to the death of his father F. O. Williams, '90, has resigned his position as assistant agriculturist at the Hatch Experiment Station.

H. J. Field, '91, has accepted the position as assistant Agriculturist at the Hatch Experiment Station.

MARRIAGES AMONG M. A. C. GRADUATES.

Firmino da Silva Torelly, '87, to Albertina de Soza Pinto, Oct. 2, 1890, at Rio Grande do Sul, Brazil.

Lorenzo Foster Kinney, '88, to Helen May Wells, July 9, 1891, at Kingston, R. I.

Burt Laws Hartwell, '89, to May Louise Smith, Sept. 9, 1891, at Stowe, Mass.

Wednesday, July 29th—married at Lowell, Charles L. Marshall, '87, and Miss Louise M. Huntley, both of Lowell.

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NO. 5 PHOENIX ROW, - - AMHERST, MASS.

AGGIE LIFE.

VOL. II.

AMHERST, MASS., SEPTEMBER 30, 1891.

No. 2

AGGIE LIFE.

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Editorials.

THE tennis tournament this year has thus far proved a marked success, and great credit is due the directors for their efforts in its behalf. Although the prizes awarded were by no means large, the interest has been manifestly great, and there is no doubt that the practice gained has benefited not only the general standing of the game in college, but also the excellence of individual playing. Competition is one of the prime factors of any line of improvement, and it would be well if there were more of it in some branches of college work as well as in athletics.

It again becomes our misfortune to say a word in regard to the Reading-room. No sooner had the papers appeared at the beginning of the term, when those little items relating to our college were observed to be missing. We sincerely hope that after all has been said, that no upper classman would do such a contemptible thing, as to steal the news from his fellow students, and for the benefit of those who have just entered, we will say that the papers are for the benefit and improvement of us

all, and no one student should take the liberty to encroach upon the rights of his fellow students, for the spirit shown is one of meanness and selfishness and will not be tolerated by the majority of students.

WE had not deemed it advisable previous to this time to comment upon the merits of our foot-ball teams but after our first game we feel justified in saying just a word of encouragement. It had been conjectured by many that our team was much inferior to those of previous years and naturally enough our first game was watched with interest. Last year Trinity beat us 30 to 0, and this year with a stronger team only 16 to 0. If our first game was any criterion to judge by we certainly gave a very creditable exhibition of foot-ball considering the short time we have here for practice and it reflects credit upon our captain for the rigid course of training that he has maintained. May the interest increase and with it we may reasonably look forward to a successful season.

WHEN foot-ball is receiving its share of the interest from the students this term, while this game is, and ought to be, receiving the proper financial support, would it not be a fine idea for those base-ball players not caring for foot-ball to keep in practice for the team next spring? In former years it has been the custom here for base-ball to be entirely out of existence in the fall term, and the sight of a league ball on the campus was a sufficient cause to bring out exclamations of disgust from the student body. This is not the proper spirit to be shown. A little practice regularly in this line would not detract from the interest manifested toward the more popular foot-ball. Perhaps men playing on the eleven should expend all their spare energy in that game alone. But outside of the team, there are several men who might be

getting in some valuable training. And, while considering the matter, why should not the base-ball captain be elected now? True, it would be a matter of three months before he would be chosen, following out the custom of previous years, but those three months would give him ample time to pick out available material for the following spring, and work in the winter could be entered upon with more snap than in the past.

WHILE no doubt the Freshmen and some who have been here longer than the '95 men, think that the tax and subscription fiend has done his work pretty thoroughly, there is one subscription that must not be slighted, and that is the foot-ball subscription. We have the elements of a good team this fall, and with practice it will be strong, but no matter how good a team may be, it is impossible to carry it on without a solid financial backing. Not having enclosed grounds we cannot depend to any large extent upon gate receipts, so the money for the support of the team must come from the students. You all enjoy watching the games, and aside from the enjoyment, the factor of college pride should be a stimulus to liberal giving. The boys did well in this matter last year, so let us not fall behind what we did then, but go ahead of it, as we are stronger in numbers now than then. The treasurer will soon be around, so be ready for him.

DURING the past week the Senior class debated on the following question:—Is the gain sufficient to compensate the loss in requiring of the Senior class more than eighteen hours per week work in the recitation room? The class voted unanimously that the gain did not compensate the loss. This question is of interest not only to the Senior class, but to every class in college. Every student has a certain amount of time at his disposal. During the time spent in the recitation room the greater part of the work is done by the professor, while during the hours outside of recitation each student must work for himself. The duty of the professor is to help the student, but not to do all the work for him. The amount of work the student does for himself measures the benefit he gets from his college course. Although as at present constituted, our course of study involves some evils, nevertheless, both stu-

dents and authorities confidently expect great improvements from the introduction of electives, and of other changes which it is proposed to make as soon as the funds recently granted by Congress can be secured.

WE hope to be pardoned for forcing the attention of our readers to subjects already discussed, but it seems to us there is one subject, the importance of which, justifies us in repeating. We refer to the custom of some colleges in which members of the Faculty give short talks to the student body on the current topics of the day. In colleges where this plan has been adopted, usually an hour, more or less, per week is spent by some members of the Faculty in setting forth and explaining, from an unbiased standpoint, topics of vital importance, whether political, social or economic. The object of the college is to so train and educate its students, that when they have completed their course and earned their diploma, they shall be fitted to take their places as loyal citizens of their native state,—not merely as laymen, but as leaders—for who shall direct the affairs of the state if not the educated men? But do the educated, in the popular sense of the word, always possess a thorough knowledge of the social and economic questions of the day? Without doubt, in many cases they do not. What facilities have our students for acquiring this knowledge? You answer that the library and reading rooms abound in literature upon all such subjects. But with the amount of class-room work required, does the average student find time to carefully peruse, make comparisons of, and draw conclusions from the multitudinous articles upon popular topics found in current literature? Moreover, is the average student mind capable of forming correct opinions, unaffected by inherited notions? In both cases the answer must be, no! Again, in the case of some students, unless their attention is called to such subjects, and their interest awakened in them, they would never take the pains to inform themselves upon what may be of prime importance to them in after life. Only by talks and lectures, before the students as a body, can these questions be brought to the thought of each individual student, while by these means, without infringing upon the regular curriculum, it would become a source of knowledge,

yielding great good to each student, who, without it, may lose one of the objects of living—that of working for his fellow men. With those who have the interest of the college at heart rests the outcome of this appeal. What shall it be?

Contributed.

WHAT SHALL I DO?

By DR. J. B. LINDSEY, '83.

PART II.

Having considered the subject as to what we should study, the next question is, as to where we should study to accomplish our end in view. Regarding this matter there might be some difference of opinion, and advice cannot be given to govern all cases. Thus in some of the sciences mentioned, sufficient advanced instruction can be had at our own college, while in others this opportunity does not at present present itself. It has been my object while in Germany to make somewhat of a study of German agricultural education. I have personally visited the leading institutions both in Germany and Switzerland. Of the condition of agricultural education in France and England am at present ignorant, but from what little I have read, I cannot believe it is equal to that given in several of the German universities. After a young man had completed his course at M. A. C., I think I should very strongly advise him to come to Europe for a few years, if a possible thing, and spend at least a portion of his time, perhaps all, at one or more of the German universities. Do not understand by this that I am "German crazy," as I think many of my fellow-countrymen are, over Germany and her institutions. If you could point me out a better place to accomplish our end, I would say instantly, go there by all means. All agricultural institutions for advanced study in Germany are simply parts or departments of the universities.

Whether it would be advisable for you to study at more than one university, is a question you would have to decide after having been here for a time; it would also depend on the time you could remain. The time you ought to spend would of course depend on your previous instruction, and the money at your command. I venture to say it would be a

wise investment of time and money, if you devoted three years to it, and two years, if three were not possible, while even one year so spent would be very greatly to your advantage.

If I were asked to name the university, I think I should say without hesitating, go to Halle. At the head of the agricultural department is Professor Julius Kühn, a man who is considered without any question to be the father of agricultural education in Germany. I spent a number of days at this institution in trying to get a correct idea of its method of instruction, its workings, etc., and, to my mind, it approached nearer to my ideal of what such an institution should be, than anything I had before seen. Prof. Kühn himself. I found to be a most interesting man, and ready to give any information possible. The one disadvantage is, that Prof. Kühn is rather old, and will probably ere long be succeeded by a younger man. The University of Halle offers excellent instruction in agricultural and general Chemistry, Botany, Geology, etc. The Agricultural Institute with its collections (rather crowded at present for want of room) has a large garden in connection, for purposes of instruction, with small plots of a great many standard varieties of vegetables, grains, etc.; also an animal garden, as it is called, containing stalls for a great many kinds and varieties of domestic animals, as well as a fine collection of wild animals, obtained from different countries and from which our domestic breeds are supposed to have been developed. One notices here also a veterinary department in full operation, where animals of the city and surrounding country are treated at a trifling cost, as well as a creamery, machine hall, etc. Not far from the Institute is the farm of nearly 300 acres, largely under cultivation. A portion of this farm is purely devoted to the carrying on of experimental research, while the remainder is planted with those crops which are to be fed directly to the animals.

It seems to me that a young man who could spend a few years in earnest work at such an institution, where every facility is offered for advanced instruction, could not fail to be greatly benefited, and fitted to do work in the future that would be of permanent value. Among other agricultural institutions in Germany, I might mention the one at Göttingen under the direction of Prof. Liebscher, and the one

at Leipsig of which Prof. Kirschner is director. At present I hardly think they offer as many advantages all things considered, as the one at Halle.

Again, there are many other advantages to be gained by spending a few years in study in a foreign country. You come into connection with another civilization, and are brought into close contact with its thought and learn new methods of work. Your ideas and thoughts will be broadened; you will see, as it were, with new eyes. You will learn a new language, become acquainted with its literature relating to Agriculture and the kindred sciences, so rich, so valuable; and if you are to be an investigator, you must certainly know what has been done in other countries and especially Germany, if you would experiment without much waste of time and lack of results. The one thing that many of our agricultural institutions lack to-day is properly and sufficiently educated men as instructors and investigators. May the day soon come when such a lack will no longer exist, and when our young men will not be obliged to spend so much time in a foreign land, to get the best that is to be had.

Do not be at all discouraged at the apparent mountain before you. A few years of earnest work and you will have removed it. Remember, young men, that nothing of worth is accomplished in this world except as a result of real, earnest, painstaking hard work.

Having accomplished the course as above outlined, you will return, I believe, no less of a loyal American. You will have seen another or perhaps other civilizations, and have become a partaker of the riches they have to give, but you will also come to see your own country in a clearer light, and to love it with a nearer and dearer love, and be a more devoted supporter of its institutions than ever before.

If this imperfect presentation of a subject that is so intensely interesting to the writer, shall induce any young man to give it thoughtful consideration, the writer will be amply repaid.

Göttingen, August, 1891.

HIGHER USEFULNESS A DUTY.

The kinds of uses are as various as the kinds of occupation. Some are high, some are low, while others come in between.

There are plenty of men in the world who can perform the lower uses, who can do well in the simpler occupations, but the demand for men to go up higher will always be urgent. It is the plain duty of every man to fit himself to be useful, and always to aspire and work for higher usefulness.

Am I useful, and how can I gain the ability to be more useful, are questions that force themselves into the mind at some point in life. And always after them come the answers, perform the present duty and study to improve thyself for the discharge of higher duties, and thus become more useful. Such thoughts and desires lead young men to the academy and college. They lead him to observe.

It is estimated that not one per cent. of the images thrown upon the retina are ever perceived by the mind. Now, in order to become more useful, we must observe more fully and accurately and reason upon the causes of the effects we see.

A scientific course such as we pursue at the M. A. C. teaches us to observe and fits us for greater usefulness. It gives us a chance to know what has been observed in different lives. It leads us to see that observation and reasoning act together to produce science. This course opens up many lines of work, and certainly in some of these each will see his path of duty, his chance for greater usefulness.

A college should not be expected to fit men for professions, that is the work of technical and professional schools. To show young men the lines of occupation in which students and workers are needed, to instill a love for knowledge, and to teach methods of acquirement is the work of a college course. It is the work which our college is doing, and doing well. The love of knowledge leads to a desire for greater usefulness, which latter is the motive that brought us here. Thinking and reasoning on our own observations prepares us to trace effects to their logical causes. It is our duty to so cultivate and use all those faculties which are given us, that we may be more useful to our country and our fellowmen.

Habits of temperance and prudence, of truthfulness and loyalty will aid us. Temperance keeps man from excesses. Prudence makes him careful, thoughtful and wise. It keeps him out of the company of those who are not honest, respectable, orderly and agreeable. Prudence leads one to be

careful of the health of his body, as in the performance of many uses a sound body is indispensable. It gives him the power of influence, for it keeps him from folly. Truthfulness and loyalty have been the qualities of all statesmen dear to our country.

The man who is accurate, economical and industrious is prepared for work of a higher grade than he who is careless, extravagant, wasteful or slothful. The course of study in this college tends to make young men more careful, practical and diligent. Work will always tell and men of minor talents will ever be found in places of honor, simply because of their greater industry and ability to use the talents they have.

Industry and earnest work are duties which strengthen and invigorate the powers of body and mind. Men of economy and good judgment are always in demand to guide the "ship of state" and the "wheels of trade." We can and should fit ourselves to supply this demand. Every man is the architect of his own fortune and should endeavor to acquire the ability to perform the higher uses in society. A college course aids in gaining that ability.

THE ORCHESTRA.

Monday evening, Sept. 28, a meeting of those interested in forming an orchestra was called. Seven musicians attended and each seemed quite enthusiastic on the subject. Several selections were played and the results were certainly encouraging, showing that if the proper spirit is put into this matter there is no reason why we cannot have a good orchestra. The members are fair players individually, so all that is needed is its work together to bring about the end desired. As material to begin with, we have two violins, a cornet, clarinet, trombone, flute and bass violin. If practice is kept up, meetings being held once or twice a week, by the beginning of the winter term there is no doubt but M. A. C. will have a very creditable orchestra.

FROM MY STUDY WINDOW.

I wonder how many of my fellow students are awake to the beauties of nature which surround us on all sides as we pursue our daily toils. Can any student stand for five minutes at his study window

and not be impressed with the beauties that surround him? In the east rises Mount Pleasant with its evergreen foliage and the white clouds rising over its summit; to the north grand old Mount Toby, towering above its mates like some fabled giant of ancient times, with its younger brother Sugar Loaf to the west; to the south, the justly celebrated Holyoke range with its abrupt ascents, lying there like a fortress to defend the peaceful valley at its foot; and the view to the west: Can a more beautiful scene be found anywhere in grand old New England?

President Gates has said: "Thousands go every year to view the beauties of Alpine scenery and the wonders of the Rhine, but nowhere on God's green earth can a more beautiful, a more peaceful and at the same time a more sublime scene be found than our own Holyoke range with the Connecticut flowing at its base through fertile fields and past pleasant homes."

It is too true of us Americans that we do not realize the beauties of our own land and the grandeur of our immediate surroundings. God has laid our path mid pleasant scenes, and he must be blind indeed who cannot see at least some of the beauties which are falling upon his sight every day that he spends in his pleasant college home. Often the morning breaks dull and dismal, with the heavy river fog shutting off his view beyond a radius of a few feet, but the sun rises, and little by little the mist clears away. At first he is able to see only the masses of clouds rolling away; then by slow degrees the outline of the mountains become visible, till all at once the sun breaks out bathing the mountain tops and valleys with the sunlight and our grand mountains stand out with all the purple splendor of their western elevation.

Look about you boys, and while you admire the beauty of places that you see in your travels, do not forget the scenes that are spread about us in our own Connecticut valley.

—There was a young man from Chicago,
Who wanted to see a buzz saw go;
Then he put down his face,—
Too near to the place
And the doctor said "where did his jaw go?"

—Exchange.

SITTING OUT UPON THE CAMPUS.

I sit upon the Campus,
And breathe the evening air:
I sit upon the Campus,
Because I have no chair.

A sweet girl sits beside me,
The reason is implied,
A sweet girl sits beside me,
Because I'm by her side.

I ask her if she loves me,
Dearest of all her beaux:
I ask her if she loves me,
Because I know she knows.

She says she will not tell me,
And, as I start to go,
She says she will not tell me
Because she knows I know.

Now leave us softly, stranger,
Don't hesitate or pause,
But leave us softly stranger
Because you know the cause.

K.

CLASS TRIP.

According to custom, the class of '93 took the trip to Boston, Arlington, Belmont and Fitchburg the 15th and 16th of this month. Lack of space forbids a full account of the excursion but this outing, coupled with the fact of the Seniors taking their trip to West Point so recently, suggests the question: "Do such trips accomplish their object?" The objective point is, of course, to have the students see the practical application, in the most approved manner, of the branches of which they are taught the theory in the class-room.

While in laying out plans for the trip, the pleasure to be derived from it is a matter of secondary importance, yet as a matter of fact it plays a very important part in the change which it brings from the routine work of college life.

If we may judge from snatches of conversation overheard between members of the upper classes, it would seem that most decidedly, these two objects were accomplished. Comparisons, although proverbially odious, are made between the methods in use in the various departments of our college, and the methods which have been held up to them as exemplary, and in many cases we find that we are not sufferers by the comparison. Another advantage lies in the fact that the mind of every student

is broadened by having a wider range of observation and thought than is thrown around him in his surroundings here. By all means let this custom be continued, and good will be derived that will be a help to every one of us in future years.

SENIORS' VISIT TO WEST POINT.

On Wednesday the 15th the Senior class accompanied by Lieut. Cornish started on a visit to West Point. New York was reached Thursday forenoon. From there the boat was taken up the Hudson giving the party two hours to admire the scenery along that river. The steep precipitous cliffs on the western shore, dotted now and then with a summer residence built out on an almost inaccessible point, together with the equally grand but more rolling landscape on the eastern shore, gives to us scenery of a nature almost unrivaled.

West Point was reached at about noon. Here, situated high above and overlooking the Hudson stands the military academy. The buildings are several in number, all built of gray stone, and comprise, besides those used by the academy proper, several residences which are occupied by the professors and instructors. Drills of company formation, guard mount, and dress parade were executed while the class was present. Besides this the cavalry drill occurred, as well as the instruction of the Freshman class in the setting up exercises. The drills were all executed with seemingly utmost precision, many of the movements being carried out to perfection.

Between the various exercises opportunity was given for visiting the different buildings. These include the chapel, library, dormitories, commissary department, observatory and several others of minor importance. The observatory is one of the best equipped buildings of its kind in the country. In addition to these the various fortifications were visited, as were also the many relics of war.

The class remained at the academy until late Friday afternoon. The trip afforded great instruction and well repaid those who took advantage of it, and although the strict discipline continually exercised may seem almost too severe even for cadet life, yet no one can but have the greatest admiration for that military air, that erect carriage, that remarkable physique which characterizes the West Pointer.

College Notes.

—Patronize our advertisers.

—Warm weather for foot-ball.

—Cutting '95, has left college.

—Tennis is as popular as ever.

—Dwyer, '95, has built a fine canoe.

—The silos have been filled at the farm.

—Target practice has commenced this week.

—The Companies were formed last Monday.

—Sept. 24, '94 got a bolt on Prof. Maynard.

—We play Amherst "Varsity" team this afternoon.

—Beals, '92, visited his home in Greenfield last week.

—The trip to West Point will long be remembered.

—O, let us play foot-ball,—(new version of old song.)

—W. H. Brown, '94, has purchased a diamond safety.

—The base-ball back-stop will not be removed this year.

—W. I. Boynton, '92, has recovered from his recent illness.

—C. F. Johnson, '94 will be janitor of the drill hall this year.

—Sept. 23, Several men were voted into the boarding club.

—We understand there is an excellent crop of fruit this year.

—The Juniors are having Zoölogical laboratory work at present.

—The band has been engaged to play at the Belchertown fair.

—We have received many favorable comments regarding our new form.

—There will probably be no more rushes this term between '94 and '95.

—We publish in another column a complete list of Battalion officers for this year.

—The Monson Academy foot-ball team will not play here Oct. 3, as was expected.

—Two or three men received slight injuries in the Sophomore-Freshman rush of Sept. 21.

—E. A. Haskell, from Amherst, Mass., formerly of '93, has returned to college and entered '95.

—The Freshmen seem to have been up to some of their customary tricks last Wednesday night.

—The foot-ball management was obliged to put the old goal posts up for the game with Trinity.

—J. H. Jones, '94, for reasons known only to himself has stopped training for the foot-ball team.

—Owing to sickness Mrs. Gilbert has been obliged to give up her boarding house temporarily.

—Davis, '93, full back on the eleven, injured his wrist quite severely last Wednesday in a practice game.

—F. G. Bartlett, '93, was quite severely hurt Sept. 26, while practising on the class foot-ball team.

—The new pants arrived just in time for the game Saturday and were highly appreciated by the players.

—H. F. Staples, '93, was at his home in Leominster on important business, during several days of last week.

—The Juniors are now getting to the bright side of Horticultural studies, testing fruits being the subject largely.

—F. I. Parker, '94 will now go into active training for the foot-ball team. His abilities as a half back are certainly very fine.

—Half back to Manager—I won't play foot-ball if you can't make better weather than this. Thermometer, 80° in the shade.

—We publish in another column Part II of Dr. Lindsey's practical talks. Everyone should read it. It is full of common sense.

—Frank S. Howard, '94, has been appointed organist in place of Goodell '94, who was obliged to resign on account of poor eyesight.

—There were no college exercises yesterday, the day being given to the students to attend the Hampshire County fair held at Amherst.

—J. E. Bardin, '93, and T. F. Kieth, '94, will have charge of the boilers in South College the coming season. Make it hot for us please.

—The peach and grape crops are very large at the horticultural department this season. Four watchmen, it is said, guard the fruit every night.

—Hieroglyphics appeared on the sidewalks Sunday morning presumably to represent '95. We would advise them to take a few lessons in painting.

—The new lamp in the basement of South College is a great addition to our institution but it would be of more use to all if it were filled and lighted once in a while.

—An auction of the reading room papers took place Friday evening, Sept. 22. G. B. Willard '92, acted as auctioneer. Most of the publications went higher than usual.

—We take pleasure in announcing the election of E. C. Howard, '93 as one of the junior editors on the LIFE board, in place of Benjamin Sedgwick who was obliged to leave college.

—W. Fletcher, '92 and H. B. Emerson, '92, won the doubles in the Tennis Tournament last Friday. The second prize has not been decided yet. The singles have not all been played.

—Each class in turn has been hospitably entertained this term at the house of Prof. Fernald. This is certainly a great move toward having closer social relations between students and faculty.

—The class of '93 on its excursion to Boston two weeks ago were highly pleased to meet with their old classmate G. B. Woodbrey of Brighton. It seemed like old times to have him among them.

—The reading room is now provided with the leading papers and magazines of the day, and will bear considerable patronage. All should bear in mind that they are to conduct themselves in a gentlemanly manner while in the room.

—Hereafter all cadets wishing keys to their rooms will deposit fifty cents with the Commandant of Cadets. The money will be refunded when the keys are returned. This is a good idea and will tend to sharpen the memory of some absent minded students.

—After careful consideration the following men have been chosen for the foot-ball team: Ranney c. Boardman r. g. Crane l. g. Graham, r. t. Howard l. t. Rogers l. e. Henderson r. e. Willard q. b. Perry l. h. Gifford r. h. Davis f. b. Substitutes, Clark, Tinoco, Parker. R. E. Smith, Lehnert, Manley, L. W. Smith, Park.

—The electric lights in the library were again out of order last week. Prof. Fernald however saw to it that they were promptly repaired.

—The directors of the Washington Irving Literary society have decided to offer the following prizes, competition to begin with the meeting held Friday, Oct. 9th, and to continue during the present term: two two-dollar prizes for the best debating, one to be awarded to a Sophomore and the other to a Freshman, the number of points brought forward and the quality of the speaking to be taken into consideration. Also a one-dollar prize for the best essay which shall be handed in and read during the term. The particulars will be announced at the next meeting. The meetings are held every Friday night during the term and all are invited to join.

TRINITY 16, AGGIE 0.

The foot-ball season was opened at "Aggie" Saturday, Sept. 26, by a game between Trinity and the Aggie College team, which resulted in the visitors winning by a score of 16 to 0.

Trinity had the heavier rush-line, showed a better knowledge of the tricks of the game, and during a greater part of the time put much dependence upon their ability in the pugilistic line showing lack of science by their continued roughness, although the "Aggie" team should be credited with making great use of their raw material, putting up a gentlemanly game, and playing scientifically, which promises success before the end of the season.

Capt. Graves was Trinity's star, and Henderson of the "Aggies" did the best tackling. Davis' work at full-back was first-class, but the "Aggie" rushers were weak in blocking.

It was "Aggies" ball when play was called, and Willard made a 10-yard run around the end, but the ball was lost on four downs. Graves now kicked the ball and gave his team 30 yards, Davis securing it. Aggie again lost the ball on Gifford's attempt at a run around the end, in the scrimmage Trinity securing the ball. K. Hubbard went 10 yards through the crowd, and Graves carried it over the line, just 12 minutes from beginning of play, making the score 6-0.

Play being resumed, the "Aggie" wedge gained five yards, and a foul secured them 10 more. At this point, Graves mysteriously secured the ball and

leaving both teams in a scrimmage, scored his second touch-down and goal. Score, 12-0.

Again "Aggie" made a large gain of 30 yards with the wedge, 10 more on a foul and 10 as a final on more wedge work. Here the ball was again stolen by Trinity, and Graves with help of K. Hubbard scored the third touch-down, but failed at goal, making the score 16-0. The half ended here with the ball on Trinity's ground.

"Aggie" braced up considerably in the second half and kept the ball in immediate vicinity of Trinity's goal the whole half, but by telling mishaps failed to gain at important times. Boardman was here substituted by Clark.

Trinity slowly gained 30 yards, but Davis lent a hand and carried the ball back about 40 yards, before he was overtaken by Hubbell. Edgerton's fine run here was beautifully spoiled by a fine tackle by Rogers. Trinity's kick was returned by Davis running around the end, and rapidly the scene of action approached Triniey's goal, but they rallied and saved the point. Davis now made another long run, and the game closed with the ball 15 yards from Trinity's goal.

The foul and off-side plays of Trinity were especially noticeable, but the umpire, Mr. Fuller of Trinity, was not particularly desirable to see the same, although the referee, Mr. M. A. Johnson of Amherst College, '92, endeavored to see fair play for both teams.

The teams lined up as follows:

AGGIE.		TRINITY.
Rogers,	left-end	Macauley
Howard,	left-tackle	E. K. Hubbard
Crane,	left-guard	Allen
Ranney,	centre,	Hartley
Boardman	right-guard	McGann
Graham,	right-tackle	L. D. Hubbard
Henderson,	right-end,	Woffenden
Willard (Capt.),	quarter	Dingwell
Perry,	left half-back	Edgerton
Gifford,	right half-back	Hubbell
Davis,	full-back	Graves (Capt.)
Clark,	substitute	{ Pemorose
		{ Monegalian

NOTES.

Henderson's tackling and Perry and Davis' work behind the line is especially commendable.

Captain Willard managed the team in good shape.

There was a large audience to encourage us in our first game.

Our team should tackle better on the left side.

Alumni Notes.

Married at Lowell, Sept. 2, 1861, J. Clark Osterhout, '87, and Rose E. Varney. Post-office address, Nashaba, Mass.

W. A. Brown, '91, is superintendent of a stock farm at Walnut Port, Northampton Co., Penn.

O. V. B. Lage, '91, has returned to his home in Brazil having just made a brief visit to Amherst bidding farewell to his former friends.

A. C. McCloud, '90, is enjoying a vacation at his home in Amherst.

PRAYER-MEETING TOPICS.

Sept. 27—Growing in Grace. Eph. 4:13-16; Col. 1:9-11. H. G. Stockwell.

Oct. 1—Cast thy bread upon the waters. Eccl. 2. J. B. Knight.

Oct. 4—Praise Meeting. Eph. 4:19; Isa. 12. H. D. Clark.

Oct. 8—Christian Athletics. 1 Cor. 9:24-27. H. E. Crane.

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 Adjutant, H. E. Crane.
 Quarter-Master, R. H. Smith.
 Fire Marshall, C. S. Graham.
 Sergeant Major, F. H. Henderson.
 Quartermaster Sergeant, F. S. Hoyt.

COLOR GUARD.

Color Sergeant, C. A. Smith.
 " Corporal, H. J. Harlow.
 " " H. F. Staples.
 " " H. C. Davis.

BAND.

1st Sergeant, E. Lehnert.
 Drum Major, W. H. Ranney.

COMPANY A.

Captain, G. B. Willard.
 1st Lieutenant, G. E. Taylor.
 2d " J. E. Deuel.
 1st Sergeant, A. E. Melendy.
 2d " G. F. Curley.
 Corporal, F. A. Smith.

COMPANY B.

Captain, W. I. Boynton.
 1st Lieutenant, F. G. Stockbridge.
 2d " C. M. Hubbard.
 1st Sergeant, L. W. Smith.
 2d " F. G. Bartlett.
 Corporal, E. J. Walker.

COMPANY C.

Captain, E. Rogers.
 1st Lieutenant, E. B. Holland.
 2d " R. P. Lyman.
 1st Sergeant, H. D. Clark.
 2d " C. A. Goodrich.
 Corporal, J. Baker.

COMPANY D.

Captain, H. B. Emerson.
 1st Lieutenant, H. J. Field.
 2d " H. M. Thomson.
 1st Sergeant, J. R. Perry.
 2d " J. E. Bardin.
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Y. M. C. A. RECEPTION.

Following the custom which has been established for several years, the Young Men's Christian Association gave a reception to the Freshman class, last Friday evening, at the pleasant home of Prof. Mills. These receptions aid greatly in enabling the faculty and members of the Association to become acquainted, and is one of the few opportunities which the students have of meeting the families of the faculty. That the Freshmen appreciate this branch of the work of the Young Men's Christian Association was shown by the fact that all but four of their number were present. The Association was also well represented. The evening was quickly and pleasantly passed in conversation and in partaking of refreshments, which consisted of ice cream and cake. Thanks are especially due to Prof. and Mrs. Mills for their kindness in granting the use of their commodious house for the occasion and to all the members of the faculty present for their efficient aid in making the evening pleasant to all. At ten o'clock the company broke up and the hundred or more students present returned to college feeling that they had passed a very enjoyable evening.

NOTICES.

Dr. Fernald will be at the president's office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 4 to 5 p. m. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 2-45 to 3-45 every afternoon except Saturdays and Sundays.

The college library will be open from 3 to 4 p. m. on Tuesdays, Thursdays and Fridays; 2 to 4 p. m. on Wednesdays; 8 to 12 a. m. and 1 to 4 p. m. on Saturdays. Also every evening from 6-30 to 8 o'clock excepting Sundays.

Mails leave the college for the post-office at 1 p. m. and 7 p. m. on week days. On Sundays it leaves at 4-45 p. m.

At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 a. m. 4-00, 6-45, 8-30 p. m.

Springfield, New York, Washington, Southern and Western states, 7-45, 10-45 a. m. 4-00, 6-45, 8-30 p. m.

Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10-45 a. m. 4-00, 6-45 p. m.

Fitchburg, North Adams and the North, 8-30, 10-45 a. m. 4-00, 6-45 p. m.

Northampton and Holyoke, 10-45 a. m. 6-45, 8-30 p. m. Palmer and New London, 11-45 a. m. 4-00, 8-30 p. m.

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AGGIE LIFE



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NO. 5 PHENIX ROW, - - AMHERST, MASS.

AGGIE LIFE.

VOL. II.

AMHERST, MASS., OCTOBER 14, 1891.

No. 3

AGGIE LIFE.

Published Fortnightly by the Students of the Mass.
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Editorials.

SILENCE! All is silence. Where? Among the alumni. Have the alumni all ceased to exist; or has existence become a burden to them; or has their memory failed them so that they have forgotten they have an *Alma Mater*, and that their *Alma Mater* wants their experiences, thoughts and ideas? From out of this body of men comes only one loyal voice, and this from foreign lands across the water. Alumni, this side the ocean,—did not your conscience prick, when you read that letter from your loyal brother, and thought that you had been silent? Please don't try to deaden the pleadings of conscience longer, but wield the rusty pen and give your younger brothers some advice.

THE new tactics, which are expected to be out soon, will be adopted in the Military Department as soon as the text books can be obtained. As many of the movements are greatly changed from those now in practice, military tactics will probably be

placed in the course of study for the entire college as soon as it may be practical. The new tactics do away entirely with that clock-work regularity now required in drilling, the aim being to save as much time as possible in the movements, and also to best facilitate easy and rapid marching. Among the changes, is that of having more setting up exercises than are required at present, the value of these being considered of great importance in giving a military bearing to the cadet.

THE wretched condition of the Gymnasium apparatus in the drill hall would seem to indicate that the students in general care little or nothing for the advantages placed there at their disposal. Scarcely three years ago, by the most persistent effort, the little apparatus we have was bought by funds voluntarily subscribed by the students. For awhile this was kept in good condition, but for the last year it has not had the care which should be given to it, and as a result, at the present time, much of it is unfit for use. The care of this apparatus is supposed to belong to the Athletic Association, and it is to be hoped that the association of this year will adopt some plan for the proper use and handling of what Gymnasium apparatus we have.

THIS is a college of agriculture, and as such, its students are expected to take an interest in any work that will be either a profit or pleasure to them in their coming life. If not directly of pecuniary value—although in some cases it might be highly so—would it not afford great pleasure in coming life, to every lover of nature, to possess the knowledge gained by every member of a good Natural History Society. During this term the society started last year, has tried to maintain itself, but with the exceedingly few who attend it is with indifferent results. What are you men thinking of!

Can you not see that it is for your own interest to come, and get all you can out of what might be a fine thing, if you only help make it so? Ninety-five, where are you? As yet not a single man of you has showed up at a meeting. Go once, and if you are not satisfied with the line of work, or are not interested, stay away the next time, but give it a fair trial and you will enjoy it.

IN behalf of public convenience and safety we deem it our duty to call attention to the condition of the bridge in the botanic path. Last winter owing to the imperfect construction of the dam and the instability of the embankment, the old bridge was undermined and a portion of the adjoining path carried away. A temporary bridge was laid across the obstruction, which besides being very unsightly and detrimental to the beauty of the surrounding grounds, is very insecure and makes crossing after dark attended with more or less danger. For one or two days during the past week there has been no bridge across the brook at all, and more than one person has had a narrow escape from accident while crossing at night. The bridge has since been replaced but in such a manner as to afford very insecure footing and making it impossible to cross on bicycles as heretofore. Perhaps the reason that a permanent bridge has not been put in is the expectation of again damming the brook this winter, but surely the time has come when something should be done.

THE promptness with which the suggestion with regard to base-ball, made in these columns in our last issue, was acted upon by those interested in the matter, was exceedingly gratifying both to us and all students who wish to see "Aggie" stand high in base-ball next spring. We lost good men from our team when '91 left us, and we shall not be satisfied unless good men take their places. There are good men in '95, but the all important elements of success are practice and working together, and by one the other is attained. Do not think that when spring comes there will be time enough to show your ability, for men will be at work all winter, and when settled weather comes, the slack and indifferently trained men will be left far behind in the competition for positions on the team. Nor is it right to let the captain do

all the work. Do not wait to be urged by him to go over to the drill hall and work, but show him by your faithfulness in practice that you are a man whose ball playing qualities demand attention. If every man will bear these points in mind, we see no reason why "Aggie" should not stand higher in the base-ball ranks than she has heretofore.

WHILE the question of the recent appropriation is not yet definitely settled, the prospects of our getting the whole of it are so good that the question of what is to be done with it has been discussed by both Faculty and students. In view of the prominence which electricity has taken as a motive power, and means of convenience, why would not a good use of a part of the appropriation be to establish a chair of electrical engineering? Not a few of our graduates are now filling positions as electrical engineers, but how much better they would have been qualified to fill such places if they had been trained to such work by a competent instructor, here at college. It may be said that this is not a technical, but an agricultural college, but while this is an Agricultural College, it is something more: it is a college of practical science, and as such, it is a question whether electrical engineering does not come under this head. There are, doubtless, men in college who, if the chance was open to them, would be glad to study with a view of investigating this branch of physics, and making it practical to the farmer as well as to those in other walks of life.

SOME dissatisfaction has been expressed recently among the occupants of South College in regard to the steam heating. Many have advanced the theory that the exorbitant rates we were paying for steam heating would buy the supply of coal for the entire college. We must confess that we were of the same opinion until we gave the matter our attention and consulted the proper authorities upon the subject. We found upon investigation that eighty tons of coal were consumed during the season, and reckoning the price at five dollars per ton, would amount to four hundred dollars. There are forty students rooming in the South College, and each pays thirteen dollars per year for heat. This amounts to five hundred and twenty dollars, this leaving but one hundred and twenty dollars in which

to pay for care of boiler, interest, repairs, etc. It is true that from this the recitation rooms in the wing of the dormitory are heated but it proves very plainly indeed that the authorities of the college are not trying to make this a money making affair, as has been intimated by several of our students. While it may be advisable for us to investigate such matters we must have a definite understanding of the exact condition of affairs, for we are easily mistaken in those things with which we are not familiar.

WHILE it is not our intention it impose on the generosity of the authorities of this institution, we would, in behalf of the students, make one more plea for that object, the attainment of which has been looked forward to for two years or more,—that source of pleasure and recreation which would enliven many a cold, bleak, winter's day:—a pond. Most of us already know how the scheme was talked about, how in the midst of our slumbers we dreamed of happy hours spent in skating and polo playing, and how finally the task was entered upon in a spiritless manner and a small sheet of water was accumulated on the south side of the botanic path, only to burst away in torrents through the frail dam as soon as a few enthusiasts added their weight to the ice. True, some pleasure was experienced, but like most good things, it was short lived. Now since trials of two successive years have shown that no such simple structure can serve to any advantage, let us begin to consider what steps can be taken to have a pond this winter, which will permit skaters to indulge in their pastime until the mild winds of spring command them to cease. The old dam has broken away, and the botanic path at that point is in a very bad condition and, sooner or later, will of necessity have to be fixed. In doing this, would it, at the same time, be much more expensive to put in a good substantial dam? If the authorities do not feel that the college can afford to do this thing alone, there is no doubt but that quite a little sum could be raised among the students for the purpose. At all events, let the project be taken hold of by some one. A large amount of pleasure could be derived from such a pond as we might have, to say nothing of the countless victories our polo team could add to the one of last winter.

Contributed.

NORTH DAKOTA.

It has been the writer's privilege this summer to see something of the state of North Dakota, to visit some of the principal towns in the state, and to see something of Dakota life and Dakota farming.

The first thing we notice about North Dakota is the Red River of the North. This river is often a disappointment to those who see it for the first time, as it is a very muddy stream. At Grand Forks, seventy-seven miles north of Fargo it is joined by another stream nearly as large as itself. But this river, unimportant in itself, has a valley which is a marvel of fertility. The soil is dark in color, very fine, and extends down to the depth of one hundred and ten feet. It packs very hard when dry but becomes exceedingly sticky when wet. In the valley a large part of the land is under cultivation and sells this season for from twenty to twenty-five dollars per acre.

As we pass westward, the towns are farther apart, and we see the "Boundless Prairie," knee deep with grass and brilliant with many colored flowers. The country is almost as level as the surface of a lake, being broken only now and then by small ravines or sloughs. Timber is hardly ever found except by the banks of streams. One may often ride mile after mile without seeing a tree in any direction. The "sameness" of the landscape, and a lack of trees, often gives a certain lonesome feeling to a New Englander.

The highest portion of the state is in the Turtle Mountains, although there are no real mountains in the New England sense of the word. They are of far more importance for their timber than for anything else. It was in the Turtle Mountains at the little town of Rolla that I saw a very characteristic Fourth of July celebration which consisted principally of a base-ball game, an Indian pow-wow, pony racing and a dance in the evening. It was at Rolla that I had the opportunity to get several pairs of buffalo horns. These horns are usually picked up on the prairie and polished by the Indians. The buffalo bones have been mostly picked up and may often be seen at depots piled up for shipment. At the town of Minot there is a pile of these bones

four hundred and ten paces long by thirty wide.

Almost every town has a hotel which may be "First-class in every respect," or otherwise. Often times they are infested with *Acanthea Lectularia* which is not conducive to quiet sleep and pleasant dreams.

The water in the state is very bad. Several of the towns take their water from the Red River. This water is tasteless but contains a very fine silt that cannot be filtered out. In towns away from streams well water is used and in some parts of the state alkali water is found and is drank freely by those accustomed to it.

The principle crops raised in North Dakota are wheat, oats and barley. Wheat is the crop that gives the state its prominence. In every town may be seen one or more elevators, where grain is stored before being shipped. The state has a splendid crop of wheat this year and it is said that this year's crops are worth more than the land was last year. When a good crop is obtained, the profits are large, but too often the crop is injured or destroyed by frost, tornadoes, or hail, so that there is a loss instead of a gain. Several years ago there was hardly anything raised besides wheat, but at present more attention is paid to stock and general farming. The Harvest is the great event of the year and it is indeed interesting to see five or six reapers go into a section, or the threshing machines at work in the field. Farms are usually quite large. The smallest are generally one hundred and sixty acres while many farms contain three, five, and even ten thousand acres. These large farms do not usually pay as well as smaller ones.

The push and energy of western towns is always noticeable. Little towns of two or three hundred inhabitants often publish a newspaper, while the amount of business done in some of the larger towns is astonishing. The people of North Dakota are energetic, happy and prosperous; the state has great resources and is destined to become the foremost of the Northwest.

s.

He that courts and goes away
May live to court another day;
But he that weds and courts girls still
May get to court against his will.

COMMUNICATION.

EDITORS OF AGGIE LIFE:—It occurs to me that possibly some of the Aggie boys may be interested to hear from a member of '91 who has wandered in to the great Keystone State.

AGGIE LIEE still reaches me, and is perused with old time interest. I am glad to hear of the good work you are doing in foot-ball and tennis as well as in the glee club and orchestra. I often think of the motto above the mantel in one of the South College rooms occupied by a member of the class of '88; it read, "Aggie to the Front" and I firmly believe that both students and alumni are working together to keep their college in the first place among those of its kind.

By the way, I have had the pleasure of meeting the Pennsylvania member of '88 several times during the past two or three weeks and many a leisure moment has passed quickly and pleasantly in talking of old Aggie and our present surroundings. Mr. Shimer rents a farm in Bethlehem, Pa., which he has nicely stocked with thoroughbred Ayrshires. He keeps several horses and runs a large milk route, also selling fruit and produce. He has exhibited live stock and fruit at the State fair and two county fairs and it is on these occasions that I have met him while engaged in the same way with my Holsteins. He seems to be making a success of farming on scientific principles as taught at Aggie and by hard work and study is doing what he can to keep his *Alma Mater* "to the front." Furthermore, I suppose we shall soon learn through the "Alumni Notes" of our bi-weekly how well Cupid played his part while our honored graduate was still a student in the beautiful College town in Massachusetts.

In regard to my surroundings here, you may be surprised to know that the almost universal language in Eastern Pennsylvania is German; or rather, Pennsylvania Dutch, for it differs somewhat from the high German. The majority of the people can also talk English, but among the older citizens, the English is apt to be very broken. During the last five weeks, as we have gone from one fair to another, and nearly every stranger accosts me in German, I have often wished that I understood their language. There are numerous large slate quarries in this section. Lime kilns are in active

to and when

ON PARADE.

Only a gleaming rifle with its barrel polished bright,
A sharp and deadly bayonet that ne'er has seen a fight;
Only a leather cartridge box and belt that's buckled tight,
And a single row of buttons that glitter in the light.

That's a private.

Only some showy chevrons on his sleeves so proudly borne,
And two narrow stripes of white on his last year's trousers worn;

Only an "Upton's Tactics," with its pages thumb'd and torn,

A straight and manly body but a countenance forlorn.

That's a sergeant.

Only a dangling sword, and a spotless sash of red,
And a cap with golden cord on his proud and lofty head;
Only two shoulder straps and a slow and measured tread,
And an air of independence in his demeanor bred.

That's a captain.

PUNCTUALITY AT COLLEGE.

If there is any one thing more detrimental to business prosperity or to social success than another, that thing is the lack of punctuality in keeping appointments. He who is always behind time seldom succeeds in anything. Being behind time has caused many disasters. Large sums of money have been lost, innocent men have been hung, trains have collided causing fearful loss of life, important battles have been lost; all because some one was behind time.

Here at college every day there are many appointments to be kept. Our attendance at recitations, and at the meetings of the various organizations as well as the keeping of many special appointments, should all be punctual. He who comes late into his class disturbs it and robs each member of several moments, so that the aggregate loss amounts to an hour or more of time. If the total time wasted here in college could be added together, the amount would surprise most of us. Staying away from lessons, when it can be avoided, hinders the progress of the class, makes increased work for the teacher, and is a great loss to the individual who is absent.

Our college organizations are hindered greatly in fulfilling their aims and objects by the lack of the

operation on every hand, while iron furnaces and foundries are the prominent objects all along the railway lines.

W. A. B.

CLASS SPIRIT.

As members of the class of ninety-five, one and all of us are aware of the lack of spirit in our class affairs. Is it not about time that we show more class feeling than we have thus far? Perhaps some of us do not realize what this class spirit is, and of what great importance it is to us in our college life. When a class meeting is called, is it showing class spirit to refuse to come, or to feel a little vain and wait for some one to hunt us up and urge us in, thereby delaying those who are interested?

You may give for an excuse that the subject does not interest you, or that you failed to receive notice of the meeting. The first may be answered by asking yourself "what if all of us should say that we were not interested, although we were fully aware of the subject or subjects being important." Would we feel that we were doing the right thing by our classmates? You would all answer of course, "No, that is not doing right." As to being notified, it is as much the fault of each member of the class as the officer in charge, for we all should take hold and announce it to our other classmates.

This manner in which we have acted is not only apparent in class meetings, but in sports and other ways, class meetings being taken only as an example. Now what we want to do is to make a revolution in our way of doing.

The way to show class spirit is to make the welfare of the class our own. Be sure to attend class meetings, notify others of the fact if a short notice has been given, urge those that are deficient in attendance and do all you can to accomplish the object for which the meeting was called. Now not only are we to do this in class meetings but in all our class affairs. Do all you can to make the class of Ninety-five the very best class in college, and to do this we must all work together. Hoping this article will not offend any member of the class, I will close with the advice of our friends to wake up and do what we can for Ninety-five.

A. D.

prompt attendance of the members at the meetings held.

This may be seen in the Washington Irving Literary society, in the Natural History Society, at the Y. M. C. A. meetings, and in the other college organizations. In practice for foot-ball and base-ball the captains are often much delayed by the tardiness of those who are to practice.

When there is to be a meeting of these organizations, it is the custom for one or two, more enterprising than the rest, to go around college looking up the other members.

When a man joins an organization it becomes his duty to attend all meetings held by it which it is possible for him to be present at. If some of the members stay away, it becomes difficult to get enough for a quorum, and important business must often wait because the members have not interest enough to come. Those who stay away waste the time of those who come. Now here at college we all have about the same amount of work to do, and it is unfair to have some do their studying at the expense of others.

If a person attends only now and then a meeting, how is he to have any interest in the work of the association? And there is nothing so dangerous to the existence of an organization as lack of interest in it by its members. Tardiness of a few, wastes the time of those who are prompt.

It is true that we are overworked here at college and pressed for time, but when we join an association we should consider first, have we the time to spare to attend to the duties involving on a member of the organization? It would be far better for us and for the organization that we should not join it unless we can give it the proper amount of time, because otherwise we would act as a dead weight upon the other members.

When we have an appointment with one of the Faculty or with another student, we should make it a point to be punctual out of courtesy to him, if nothing more. When we keep any one waiting we are robbing him of time, and since time is money, we have no right to do this.

The man punctual in attendance upon his duties, who can always be depended upon to do what he says, when he says he will, is the man that will succeed in this world.

J. B. K.

THE PRODUCTS OF OUR COLLEGE FARM SHOULD BE EXHIBITED.

We should exhibit at the principal agricultural fairs in the state. It would best show what we are doing. It would present the result of our work before the people who employ us and who should reap the benefits to be derived from such labor.

Each department should be represented in the best possible manner, so as to bring out the value of the use of science in a clear and comprehensive way, and for each division there should be a man qualified and ready to answer questions and to give information which applies to his division. In this way we may interest those who never saw the College Farm, and, perhaps, scarcely read of it, and upon the minds of those who are our enemies, we may stamp an impression which will be valuable to us and to our state, for reading of a thing is not like seeing it.

We should not compete with the farmer for any premiums, but we should aim to have the best, and the display attractive; so that we may be considered as at the head of agriculture and to show what can be done. If the farmers are well impressed and can readily see that we are doing a good work, they will respond more quickly to a call for assistance. Though printed reports are good and necessary, this form of reporting, namely exhibiting, would convey a much deeper impression on the minds of our people than by any present method. In the first place we would meet a large number, and secondly, our exhibits may be compared with others.

Our aim should be to get the people thoroughly interested in our work, and to show them that through science we can understand certain laws of Nature which are valuable to us, and learn how they can best be applied to our work; that through science we learn to love Nature and her laws and the better we know and apply her laws the closer we approach God.

P. E. D.

THE FOOT-BALL PLAYER.

Oh kerosene lamp, I envy your lot,
As your rising smoke I see;
You can smoke away to your heart's content,
But the Captain won't let me.

College Notes.

—Mr. F. W. Mossman, '90, was in town recently.

—It was very cold in chapel last Sunday morning.

—Rifles were issued to the Freshmen last Thursday.

—Where is the foot-ball subscription paper this fall?

—Every drill day has been pleasant thus far this term.

—E. T. Clark, '92, has charge of the museum this year.

—Very few accidents have occurred in foot-ball this term.

—The Seniors were examined in Chemistry last Thursday.

—Wanted:—Electric lights in the old chapel and reading room.

—Alfred Glynn will make a part of the military suits this year.

—Reports concerning Pres't Goodell's health are very favorable.

—Prof. Paige examined the Seniors in Veterinary last Thursday.

—Kimball '95, has left college. He will probably enter in '96.

—The organ in the chapel is run by the water motor this term.

—We play Worcester Polytechnic Institute at Worcester Oct. 24.

—Amherst was defeated by Harvard last Saturday. Score 18 to 0.

—Oct. 7; Sophomores 108, Freshmen 0, and still the world moves on.

—The orchestra meets regularly twice a week and is improving rapidly.

—Isn't it about time the singles were played off in the tennis tournament?

—Prof. Fernald accompanied Lieut. Cornish in the inspection of rooms Oct. 3d.

—The stoves in North College have been inspected and repairs are now in order.

—The flowers in front of South College were ruined by frost last Sunday night.

—The steam heat was put on in South College Oct. 1. It was appreciated by all.

—E. P. Felt, '91, will enter Cornell and take a Post Graduate course in Entomology.

—The Sophomores indulged in a celebration after the game. "Pride goeth before a fall."

—Mrs. Gilbert's boarders are boarding temporarily at Mrs. Kellogg's and Dr. Bullman's.

—If you want to be popular, distinguish yourself on the foot-ball field.—*Purdue Exponent*.

—The hour for foot-ball practice should be changed as darkness greatly hinders the work.

—The orchestra is accomplishing some good work under the efficient leadership of G. F. Curley, '93.

—Target practice has commenced and ten men are detailed each drill day from the four companies.

—Rev. Herbert Boyd of the South Congregational church exchanged with Dr. Walker, Sunday, Oct. 4.

—Is there anything in the statement that there are to be some new goal posts in place of the old ones?

—Prof. C. D. Warner has purchased Dr. V. W. Leach's place on Sunset Avenue and will reside there.

—Don't be alarmed at any strange noises you hear in the next few weeks. Marvin's "bull fiddle" has come.

—We publish in another column a short letter from W. A. Brown, '91. Let us hear from more of our graduates.

—Claude A. Magill, '91, is surveying in northern New Hampshire in the employ of the Boston & Maine railroad.

—Williston was unmercifully beaten at Amherst Oct. 3d. Score 100 to 0. Stagg's training has evidently deserted them.

—Mr. I. G. James of the firm of John F. Morrill & Co. was in town Oct. 2d and took part of the orders for military suits.

—The "tug of war" between '94 and '95 comes off this afternoon. A good pull is expected as both teams have been practicing quite hard.

A HALF TOLD TALE.

Time—12-30 A. M.

Up in the vineyard,
Hear that mournful sound—.

—Wm. H. Ranney, '93, has found it necessary to leave college for the present, because of ill health. He will be a serious loss to the foot-ball team.

—Next Saturday we play at Springfield with Stagg's team. Every student who can should accompany the team and cheer them on to victory.

—A question worthy of discussion: Should a student monopolize the books in the library by keeping them in his possession until the end of the term?

—An order has been published prohibiting the throwing of anything out of the dormitory windows. This is an excellent idea as the health of the students must be maintained.

—All wrestling in the reading room should be stopped. This is not the place to get exercise, as papers and chairs are in great danger of being destroyed.

—The following foot-ball games have been arranged thus far. Oct. 17, Stagg's team, at Springfield; Oct. 24, Worcester Tech. at Worcester; Oct. 31, Stagg's team at M. A. C.

—The project of a college banjo and guitar club is on foot, and all desiring to join will confer a favor by giving their names to C. H. Jones, at Ex. station, or to C. A. Goodrich, '93.

—I have a weight upon my mind,
I overheard him say.

That's good, said she, 'twill keep the wind
From blowing you away.

—*Pa. News.*

—At a meeting of the boarding club held Oct. 7, Wm. H. Ranney, '93, resigned his position as Business Manager, and F. H. Henderson, '93, was elected in his place. F. S. Hoyt, '93, was then elected secretary and treasurer which office was formerly held by F. H. Henderson.

—At a base-ball meeting held Oct. 14, H. E. Crane was elected Captain, and G. E. Taylor Business Manager for the ensuing year. Matters pertaining to base-ball were discussed to some extent, and active training will probably begin at the beginning of the winter term.

—The Natural History society has elected the following officers for the ensuing year:—H. M. Thomson, president; G. E. Taylor, vice-president; J. Baker, secretary and treasurer; H. M. Thomson, I. C. Greene, J. B. Knight, F. A. Smith, F. H. Henderson, board of directors.

—The Washington Irving Literary Society had the following program last Friday night: Declamation by H. F. Staples; debate on the question: Resolved that rushes are opposed to the best interests of our college. The question was decided in the negative. Extemporaneous speech by E. A. Hawks. The question for debate next Friday night is: Resolved that the United States is the greatest nation. Mr. Root will give an essay, Mr. Kuroda a speech on Japan, and Mr. Toby a declamation. All are welcome.

FOOT-BALL.

AMHERST, 44; AGGIE, 0.

The Aggie foot-ball team played its second game of the season with Amherst, upon Pratt Feld, and was defeated after a hard struggle.

Amherst's eleven was considerably stronger than usual, and comparing our contests with them, for the last two years, it may be seen that this year's work is a marked improvement over that of previous years.

Aggie's team showed weak points in blocking and rushing, but were exceedingly strong in tackling. Amherst's rush line was the heavier of the two, and this with the numerous new tricks practiced by them; caused the defeat of "Aggie," otherwise, the teams were equally matched.

The game opened with Aggie's ball, and the unconquerable V, but they soon changed their operations, and lost the ball to Amherst, and by heavy work through centre, Raley scored the first touchdown in about four minutes. G. Pratt kicked a goal.

"Aggie" tries the V and gains to some extent, but four downs gives Amherst another chance to score, which is eagerly taken by Raley. This is followed by three touchdowns by G. Pratt, on the new quarter-back trick, and the half is ended. Score, 26-0.

The second half is opened by Amherst gaining 22 yards with the V, and is followed by Talcott making a touchdown, by a fine run around the end. Jackson secures the next points for Amherst by hard work through centre, and this is followed by two touchdowns by Raley and the game is ended.

The tackling of Willard of Aggie was faultless, and the work of Davis, Parker and Perry behind

the line, was in no way inferior to that of Amherst. The one great fault noticeable in Aggies line was the great tendency for the rushers to hold their men too long, and leave their half-backs unprotected and to the mercy of Amherst's backs. The teams lined up as follows :

AMHERST.		AGGIE.
G. S. Raley,	right end,	Henderson
Ross,	right tackle,	Graham
Penney,	right guard,	Boardman
Lewis (capt.),	centre,	Bardin
Haskell,	left guard,	Crane
Baldwin,	left tackle,	Howard
Griswold,	left end,	Rogers
Pratt,	quarter-back, (Capt.)	Willard
G. D. Pratt,	right half-back,	Parker
Raley,	full-back,	Davis
Talcott,	left full-back	Perry
Jackson,		

Umpire, Referee—Johnson, Amherst, '92, Fletcher, Aggie, '92.

CLASS '94, 108; CLASS '95, 0.

Another victory has been won by '94, her football team defeating the Freshmen eleven. The game resulted in a complete walkover for '94, uninteresting from beginning to end, and showing throughout its course a lack of science and training on the part of the Freshmen.

The Sophomore eleven put up its usual good game, with marked improvement in every position, but the opposing eleven seemed to be lacking in everything except size.

The game opened with the ball in possession of '95, which they immediately fumble and loose, and with two rushes Gifford scores the first touchdown for '94, in less than two minutes from call of "play."

This style of game is kept up throughout the whole half; '94 continually securing the ball on four downs, or a fumble behind the line, and every instance securing a touchdown with less than three rushes.

At the end of the first half the score was 54-0 in favor of the "Sophs," and the second half resulted in a like score. At the call of time the ball was within one yard of the Freshman goal, and had failed to get within forty yards of '94's territory.

The features of the game were the brilliant work of the sophomore team; they lined up with alacrity, contrasted to the slowness of the Freshman eleven, and their blocking and tackling was nearly faultless.

Putnam played finely at quarter, with but two fumbles during the game; and the line did equally well, especially Manley, Green and Duffield.

For '95 the work of Davis and Haskell is worthy of mention, but their work was extremely limited, as in many cases their rush line broke, and they were downed, almost before the ball was snapped back.

The teams lined up as follows :—

'94.		'95.
Duffield,	right end,	Morse
Park,	right tackle,	Drury
Boardman,	right guard,	Bagg
Smith, R. E.,	center,	Ballou
Manley,	left guard,	Read
Green, I. C.,	left tackle,	Marsh
Sullivan,	left end,	Lane
Parker, F. I., (Capt.)	left half back,	Warren, (Capt.)
Gifford,	right half back,	Davis
Toole,	full back,	Haskell
Putnam,	quarter back,	Clark

Coolley substituted for Haskell, and Woodbury for Clark.

Umpires—Henderson, '93, first half; Fletcher, '92, second half. Referee, Fletcher, first half; Henderson, second half. Touchdowns—Gifford, 10; Parker, 3; Toole, 6; Manly, 1; Putnam, 1; Green, 2. Goals—Toole, 6; Green, 2.

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SENIOR APPOINTMENTS.

The Senior class held a meeting Oct. 9, and made the following class appointments.

Class Supper.

Toast-Master,	Elliot Rogers.
Odist,	R. H. Smith.
Jester,	C. M. Hubbard.
Orator,	W. I. Boynton.
Poet,	H. E. Crane.
Prophet,	E. B. Holland.
Prophet's Prophet,	J. E. Deuel.

Supper Committee.

H. M. Thomson, G. B. Willard, C. S. Graham.

Senior Promenade.

E. Rogers, G. E. Taylor,
J. E. Deuel, G. B. Willard,
H. B. Emerson.

Picture Committee.

E. B. Holland, J. E. Deuel, H. B. Emerson.

Committee on Class Day.

G. E. Taylor, H. M. Thomson, E. Rogers.

The class-day appointments will be announced in the next issue.

EXCHANGES.

Among our newest exchanges is the *Hesperous* from Denver University. It makes its appearance after having been silent for two years and judging from its first appearance it will be a very creditable publication. We wish it success.

—There are one hundred and ninety college papers in the United States.

—The number of books in the college libraries of the United States has been estimated at 3,000,000.

—The vain belle with a cheek like the red side of a luscious peach, is devoted to haughty culture.

—She,—When is the honeymoon supposed to end?

He,—When the last quarter is gone, I guess.

PRAYER-MEETING TOPICS.

Oct. 15—Daily Work for God. 1 Tim. 6: 1—15.
R. A. Cooley.

Oct. 18—God's willingness and desire to give us the best things. Luke 11: 1—13. P. Smead.

Oct. 22—His Promise. Gen. 8: 22 F. H. Henderson.

Oct. 25—Missionary Meeting. Isa. 63: 2. A. E. Melendy.



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"The Senior wears his trousers wide,
The Junior does the same;
The Sophomore wears a cutaway
And always sports a cane;
The Freshman is a puzzle,
His clothes are always plain,
He wears high-water breeches,
And his life is full of pain.

"My daughter," and his voice was stern,
"You must set this matter right,
What time did that Sophomore leave the house,
Who sent in his card last night?"

"His work was pressing, father, dear,
And his love for it was great;
He took his leave and went his way
Before a quarter of eight."

Then a twinkle came in her bright eye,
And her dimple deeper grew;
" 'Tis surely no sin to tell him that,
For a quarter of eight is two."

OTHER COLLEGES.

Last week Henry W. Sage presented Cornell University with a magnificent library building costing \$250,000 and endowed with \$380,000. The President White Historical Library was also presented to the University by Ex-President White. President Gilman of Johns Hopkins University delivered the oration of the day, entitled "The development of American libraries from the old Colonial days to the present time."

NOTICES.

Mails leave the college for the post-office at 1 P. M. and 7 P. M. on week days. On Sundays it leaves at 4-45 P. M. At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M. Springfield, New York, Washington, Southern and Western states, 7-45, 10-45 A. M. 4-00, 6-45, 8-30 P. M. Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10-45 A. M. 4-00, 6-45 P. M. Fitchburg, North Adams and the North, 8-30, 10-45 A. M. 4-00, 6-45 P. M. Northampton and Holyoke, 10-45 A. M. 6-45, 8-30 P. M. Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

Dr. Fernald will be at the president's office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 2-45 to 3-45 every afternoon except Saturdays and Sundays.

The college library will be open from 3 to 4 P. M. on Tuesdays, Thursdays and Fridays; 2 to 4 P. M. on Wednesdays; 8 to 12 A. M. and 1 to 4 P. M. on Saturdays. Also every evening from 6-30 to 8 o'clock excepting Sundays.

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AGGIE LIFE



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AGGIE LIFE.

VOL. II.

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AGGIE LIFE.

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Editorials.

WE can justly say that the new singing books at chapel are greatly appreciated by every one in college, as can readily be seen by the increased volume of our chapel singing. For the past year the number of the singing books has been decreasing, until they became so rare that the singing was mostly confined to the choir. With enough books now to supply every man, this feature of our morning chapel will be made much more pleasant.

WE notice that in some colleges instruction in short hand is given to the students in order that it may be an aid to them in the taking of notes. This is a matter that should be given more attention by the students at this college. While it may not be best to place this branch of study in the college course, yet each student might prepare a system of word signs which would be of inestimable value to him in the noting of lectures. Nothing can more harass a lecturer than to be constantly interrupted

in his lecture by being obliged to repeat. Equally disagreeable is it to the student to be behind hand in his noting. One of our Professors has given to his classes an easy system of word signs which greatly assists those who use it in the taking of notes. If the students would more generally adopt some such system, the advantage derived from it would be very great. The task of learning would not be great for much could be learned in actual practice. The ease and completeness with which lectures could thus be noted, as well as the benefit which the Professor might derive from such a system ought to induce more students to use something of the kind.

IN years past there has been more or less dissatisfaction manifested by a great many regarding the form in which treasurers have made their respective reports. Some have gone even so far as to accuse these men of dishonesty; but, as nothing of the kind has ever been actually proven, we are obliged to take this stand that all such accusations are unjust. However, our manner of looking after these money matters is far too slack. At the yearly mass meeting, the treasurer of this or that association rises and reads his report. Some one moves to accept it and the motion is carried, nearly always unanimously, but oftentimes only a few vote to accept the report, and as no one wishes to vote against it before the very treasurer's eyes, it is then carried. This should not be the case, but it is, however strange it may seem. The report may be correct or it may be incorrect. * It has been accepted and no one will ever be the wiser except the treasurer himself. Now there is no way in which the treasurers of the various associations can alleviate themselves of all suspicion, better than by publishing their reports in AGGIE LIFE. This is not a newly originated idea, but is a scheme which has been prac-

ticed in other colleges for years. The treasurer would not then feel that his liberties were restricted in the least, but would be thankful that he had a way to show to each of the men for whose interest he had been working, that he had striven to do his duty and that he could account for every cent intrusted to his care.

It is well known that the excellent playing of the majority of a foot-ball team is often in vain, and the game is lost because of the poor work of one or two men who have not been thoroughly trained; similar results are often noticed in class room work. It is a fact to be regretted that in every institution of learning, be it school, college, or university, the progress made by the classes in their studies is seriously interfered with by students who from some cause or other do not keep up to the prescribed standard, who do not do the work that is expected of them. Although a man's advancement generally depends upon his own efforts, yet we often notice cases where the progress of the best scholars is retarded if not altogether stopped in order to give the laggards a chance to make up work that the class has already accomplished. This is surely an undesirable state of affairs, not altogether without remedy. One method of avoiding the difficulty is by dividing the class into two divisions according to the respective excellence of each. Those who from any reason are unable to do satisfactory work in the prescribed time would not then hinder those who can make more rapid progress. If, however, this plan is just now impracticable, much can be done toward remedying the evil by the students themselves. Let each man who finds himself falling behind in any particular branch, bear in mind that he is not only losing ground himself but is retarding his classmates. This alone should be a sufficient reason for him to put forth his best energies toward regaining what he has lost, and thus fulfilling his duty to himself and his class.

INADEQUATE EVIDENCE.

I never take dislike to any man
Whom I have only seen in deep dejection,
Because, I think, few erring mortals can
Judge rightly, seeing only one cross-section.

—University Herald.

Contributed.

PURDUE UNIVERSITY.

In North-Western Indiana, one hundred and twenty miles from Chicago, is Purdue University, the agricultural and technical college of Indiana. As the institution is rapidly attaining much prominence in the West, and as two of the M. A. C. alumni are on its faculty, I have thought a few facts concerning it might be of interest to the readers of AGGIE LIFE.

The University was named Purdue, in honor of John Purdue, a former citizen of LaFayette, who gave the University a donation of \$150,000. The location is at LaFayette, on the west side of the Wabash River, about one mile from the city. There are six schools of study, viz: Agriculture, Mechanical Engineering, Civil Engineering, Electrical Engineering, Science (including Industrial Art), and Pharmacy. The 17th annual commencement was held last June.

The area owned by the University is about one hundred and ninety acres, nearly forty of which are in campus, the balance being used by the experiment station and agricultural department. The campus is laid out with drives and walks harmonious to the landscape, and the arrangement of shrubbery, trees, flower-beds, drives, lawns and buildings combines to form the handsomest college campus in the state.

The instructional equipment of Purdue is a surprise to our Eastern visitors. While the university is pinched to an embarrassing degree for house room, in the shops, laboratories and class rooms are found the essential modern tools and apparatus. A new mechanical laboratory for experimental work is in process of construction, which, when finished, will be without a superior west of the Alleghanies. Already it contains a new railway locomotive of large size, for experimental work, constructed by the Schenectady locomotive works, and Purdue has the honor of being the first college in America to possess such an engine. This laboratory also contains a triple expansion Harris-Corliss, one hundred horse power steam engine.

The electrical school has an elegant stone and brick building for its quarters, probably unsurpassed for such a department in the west.

The agricultural school and experiment station occupy a brick building of some size, containing class rooms and laboratories. The laboratories of botany and agricultural chemistry are especially well adapted to experimental work, the botanical department having an experimental greenhouse constructed for agricultural work by the same firm making the state station greenhouse at Amherst. The veterinary department here is growing in strength, and is very popular with the agricultural students.

The farm has a set of good buildings—two large barns, a tool building, dairy and sheep and pig shed. The residence of the director of the experiment station is also on the farm. Extensive field experiments are in constant operation, and especially as involving various problems in cereal, grass and potato culture. The cereal plats here are noteworthy for the extent of time and systematic manner in which they have been under observation and study. During the winter, feeding experiments are conducted at the barns. At the west of the group of buildings are located the horticultural grounds of ten acres, containing a large selection of fruit trees and plants.

The last catalogue of Purdue contains a list of thirty-nine instructors and five hundred and thirty students. This number will be largely increased. Already the freshman class numbers one hundred and ninety, and the chapel is so crowded that the pharmacy students are excused from attendance. Over six hundred students will be registered here before the close of the year. There are thirty-two straight students in the agricultural course, a better showing than can be made by any university, land-grant college, in the country, to the best of my knowledge.

Athletics at Purdue are not neglected. This term the foot-ball team is unusually promising. Ames, Princeton's famous full-back of three years ago, is coaching Purdue's team, coming here from Chicago every week. Five Indiana colleges have formed a foot-ball league, and Purdue is after the championship this fall. On Thanksgiving day, at Indianapolis, Purdue and Butler play the final game of the season. Last Thanksgiving five thousand people witnessed these two colleges play a grand game, Butler beating Purdue by two points, the only defeat Purdue suffered in 1890. M. A. C. students have

no idea what a foot-ball craze prevails here. Faculty, students, men and women, are all equally excited over the coming Thanksgiving game, as much as you New England men are over the Yale-Princeton Thanksgiving game. As Crawford, Yale's old captain, is training Butler, a battle royal may be looked for.

C. S. PLUMB, '82.

MODERN JAPAN.

BY S. KURODA, '95.

The desire for exploration and conquest drove Marco Polo to the east, and Columbus to the west. These early explorers truly launched forth on the waters of the untried sea, opening the way for millions to come after them to make their homes in the new and strange lands. It was in 1853, when Commodore Perry made his approach to the islands of Japan, that the interest of the American people was turned towards that far distant kingdom, and it is from this date that the United States has had political and social intercourse with that country.

Says one of your orators, "Since the sun began to sink upon our globe, no nation has made as important political, social, and religious changes in as short a time as has the Japanese." I will give in the first place a short geographical description of our country.

The Empire of Japan consists of four principal islands, and thousands of smaller ones; the whole area not being larger than that of California. The mountain ranges with their rich forests and valleys extend to almost every corner of the country. The coast line is very irregular, and the rocky regions are to be seen everywhere. Travelers from foreign lands never fail to notice the many beautiful landscapes in our country wherever they go. Green mountains where rabbits sport, reflecting brooks which are spanned by bridges, shores where fishing nets are dried, cottages embosomed among trees, fishing boats alternately appearing and disappearing beyond the broken horizon,—all these form the common scenery of many pleasure resorts near the sea shore. Every village is surrounded by farms and rice fields. The latter in the spring seem like smooth lakes hemmed with green tea-plants, making a very picturesque scene in the mountainous country. Most of the farmer's houses are thatched, giving

them a unique appearance to foreign eyes. Here we see farmers tilling the soil or driving their oxen; while small brooks and rivers are running through their farms, fertilizing the soil and at the same time affording a great supply of fish. Japan is rich in natural resources, and living is very cheap. Those things which nature produces are to be found in great abundance.

The large annual increase of our population is due to the cheapness and ease of living. The whole population of Japan is now said to be forty millions and the increase the last ten years amounted to five millions; thus after some forty or fifty years we shall have, if we increase in the same ratio, one hundred millions of people within the small boundaries of our island kingdom. We are very anxious to see what will be the future of Japan. As we are discussing this problem one thought comes to my mind; that is if living becomes costly then men will come to be more and more cautious about marrying as young as they do at present.

In physical stature the Japanese are inferior to the Americans. When I walk on the street with some of your people, they surely ask me this question: "Are your countrymen all as small as you are?" On such occasions I have to answer them with great pride, saying: "I am not small, I am taller than the average Japanese people. The average height is only five feet and two inches. Now I ask you, my readers, not to trouble yourselves about our small size. We are a people just fitted to live in so small a country.

As to the political state of Japan, she was, till some twenty-five years ago, governed by the Daimyo or nobles. A civil war, which terminated in the year 1868, restored the whole power to the Mikado. Before the civil war, the station in life of every man was fixed by the institution of the *caste*. By this system each man, instead of being able to make his own place and fortune in the world, had his lot marked out by his birth. There were four grades of people,—the knights, farmers, artisans, and merchants.

Samurai, or the feudal knights, having the privilege of wearing two swords, monopolized the exercise of every public right; while the common people, being excluded from the enjoyment of these, served them, doing every duty both public and

private. The life of a knight was spent in idleness and ease when no war was at hand, although they were the most public spirited class of all. They truly formed the intellect and will of the nation. It was they who preferred the western civilization to the many ancient Japanese customs, and it is they who still govern our country.

The entire fabric of human existence is woven of the two threads of freedom and authority, which are forever chafing one against the other, and from this constant struggle, reform is brought out, and reform is the only way by which to reach any truth.

When we read the history of modern Japan we see at once that the step in the direction of reform is no backward movement, but a grand leap forward.

We can draw a boundary line between old and new Japan with the year 1868. Since we made the treaties of amity and commerce with various countries of the world, three hundred dukes and barons have abandoned their castles and have become common people, under the supreme power of the Emperor. At this time there was also a change of the feudal tenures into the perfection of the Imperial government. The people have been, for a long time, characterized by an eager search for, and appropriation of, whatever has seemed to be the best in the civilization of the west.

(To be continued.)

N. H. S. FIELD DAY.

On Saturday, Oct. 17, the Natural History Society held its first fall "Field day". The program consisted of a tramp to the asbestos mines and Mt. Lincoln in Pelham. The day was perfect, and at 1-30 the company of ten members started for the mines. To say the trip provided everything to satisfy the heart of an enthusiastic naturalist or lover of nature, is but half expressing it. The mountains were resplendent with their autumn robe of bright-hued leaves; the birds showed themselves at their best, twenty-five species being noticed by one member. From the village of Pelham to the mines, the road was found to be a type of the traditional cart path. The mine was reached about four o'clock, and was found to be not as extensive as many expected to see. At present only three men are employed there and the product is hauled to Amherst by one

horse. The rock is sent to Baldwinsville where it is manufactured into paper. The amount produced varies with the portion of the mine worked, some days, scarcely any being obtained, while upon others a ton or more is mined.

The party found much to interest them and many specimens of minerals other than asbestos were found.

Lingering at the mine until nearly dark the party then started home, all agreeing that the afternoon had been spent very pleasantly as well as being instructive and profitable.

The society will probably take another trip next Saturday, and will be glad to welcome all who desire to accompany them.

THE COLLEGE BOY.

The coll ge boy, what is his name?
I pray you, do not ask;
To even sketch his history
Would be too great a task,
And yet we know him very well,
Too well, sometimes I fear,
For fun and mischief flourish, when
The college boy is near.

Sometimes he wears a uniform,
With stripes and buttons gay,
But oftener we see him dressed
In sober brown or gray.
But be he happy or forlorn,
In sorrow or in joy,
You'll always find this chap to be
The same old college boy.

Sometimes he'll milk the Jersey cow,
Sometimes he hoes the corn,
Sometimes he pulls upon the rope,
Or toots upon the horn,
Or kicks the foot-ball high in air,
Or writes for *Aggie Life*,
Or beats the drum, or last of all,
Makes music on the fife.

Now chestnuts and psychology
No precious moment wastes,
And now 'tis trigonometry
Pleases his studious tastes,
To *parlez-vous* he is inclined
With mind and heart intent,
And now 'tis draining of the soil
On which his thoughts are bent.

Occasionally do we find
An artist in our midst,

Then, into what outlandish shapes
Our features does he twist!
And when 'tis our misfortune
In the *Index* to appear,
Who we may be no one can guess,
We look so very queer.

For four long years the college boy
Goes gaily on his way,
And folks forget he'll be a man
At no far distant day.
He'll preach the sermons, make the laws,
And farm, and buy and sell,
And run the world as now he runs
The college world so well.

So friends and neighbors, when we're gone,
And others take our places,
Perhaps you'll wish to see once more
Our well known beaming faces,
We're not the worst boys in the world,
You'll surely all allow,
And if you think we can improve,
Why, please then, tell us how.

BEHIND HER BACK.

Behind her back the love I feel
By word or sign I'll ne'er reveal,
But say in a most careless tone
Yes, Bess is rather sweet I own;
This while my heart is true and leal.

Young Cupids stacked the cards this deal
And so with indifference I'll feel
And only tell of love outgrown
Behind her back.

And yet I ventured one appeal,
(The lights were low I thought I'd kneel),
Encouraged by her smile alone
I spoke my love, all fears had flown,
'Twas funny how my arm would steal,
Behind her back.

Williams Weekly.

PRAYER-MEETING TOPICS.

Oct. 29—True Manhood. Psalms 1:1-2. E. H. Alderman.

Nov. 1—Soldiers. How Shall We Fight? How get the Victory? II Tim. 2:3; 4:8; Rom. 13:1-4. E. D. White.

Nov. 5—Faith. Heb 2. A. R. Streeter.

Nov. 8—Are we in Trouble? Gal. 6:1-5; Rom. 15:1-3. C. L. Brown.

College Notes.

COLLEGE NOTES.

- Company drill is now in order.
- The labor fund is very limited.
- Oct. 21, Stagg beat Amherst 18 to 4.
- W. N. Tolman, '87, was in town recently.
- Oct. 17, Stagg's eleven, 30; M. A. C., 0.
- Goodell, '94, has left college temporarily.
- The Glee Club has been reduced to an Octette.
- The mid-term examinations were held this week.
- It was quite cold in Chapel last Sunday morning.
- D. L. Hubbard, '89, spent Sunday in Amherst.
- Mrs. Gilbert has reopened her boarding-house.
- Professor Warner injured his right hand last week.
- Lehnert's* band played at the Prohibition rally, Oct. 16.
- There was no inspection of rooms last Saturday morning.
- W. A. Kellogg, '89, is at his home in North Amherst.
- The reading-room is now lighted evenings from six to eight.
- We publish the class day appointments in another column.
- Hereafter our band will be known as the "Clark Cadet band."
- C. H. Watson, '87, made us a brief visit since our last issue.
- Several changes have occurred in the make up of the eleven.
- No serious accidents have occurred thus far on the foot-ball field.
- Stagg's eleven this afternoon; give our team your hearty support.
- Side arms are now worn by all cadets during inspection of rooms.
- Does the boy play the cymbals? Yes, the boy does play the cymbals.
- An awkward squad has been formed to instruct the backward Freshmen.
- Pictures of the Glee Club were taken at Northampton last Wednesday.
- There is some possibility of our playing the Yale Seniors here Saturday.
- Foot-ball practice can no longer be held after drill on account of darkness.
- Saturday, Oct. 17, the Natural History society took a tramp to Mt. Lincoln.
- The Freshmen will have military lectures during the remainder of the term.
- F. G. Stockbridge, '92, will now assist J. E. Bardin, '94, in running the fires.
- The Amherst College Lecture Course has opened. It would be well for all to attend.
- The sidewalk is no place for artistic decorations. May such practices be prohibited.
- A number of the foot-ball players who live near Worcester, spent Sunday at home.
- Several enthusiastic men accompanied the foot-ball team to Worcester last Saturday.
- Davis '95, was obliged to return home last week owing to the death of his grandfather.
- A mass meeting was held Monday night to raise money for the foot-ball association.
- E. N. Stratton, ex-'80, was married at Marlboro to Miss Lottie Brigham, Sept. 16, 1891.
- Captain Willard recently scored twenty at the target, from a distance of three hundred yards.
- E. J. Starr, ex-'94, spent a short time the 14th and 15th with his friends and former classmates.
- Holy Cross will probably play us at foot-ball this fall if satisfactory arrangements can be made.
- Moore, '88, officiated as referee at the rope pull. He is getting to be a veteran in the business.
- Stagg's team plays here to-day instead of Saturday, as they wish to play Harvard on the latter day.
- Boston University has no foot-ball team this season, but expresses a desire to meet us at base-ball.
- An amusing sight on the foot ball field the other day, was to see Dickinson, '95, playing opposite Crane.
- The Freshman Foot Ball team is contemplating a game with the Amherst High School and Amherst College Freshmen.

—And still the singles remain unplayed. We hope that those energetic men we have referred to have not "fallen asleep."

—Work has commenced on a new barn to be erected by the Hatch Experiment Station on the site of the one burned last spring.

—According to the *Amherst Record*, President Goodell's health is so greatly improved that he hopes to sail for home in a short time.

—Prof. H. E. Swain, the Phrenologist, materially increased the size of his pocket-book by a somewhat extended visit through the College.

—Hereafter those cadets who do not present a satisfactory excuse for absence from drill, will be obliged to have extra drill Saturday morning.

—Foot ball scores Saturday.

Harvard, 39; Amherst, 0.

Williston, 24; Hartford High School, 0.

—Screens will adorn the windows of the drill-hall this winter. This will allow more freedom in the practice of base-ball and good results may be expected.

—The stoves have not yet arrived to provide for the comfort of some unfortunate North Collegians. This matter should have been attended to before cold weather set in.

—The rope pull between the Sophomores and Freshmen in which so much interest has been centered, occurred Oct. 21 and resulted in an easy victory for the former.

—B. Luther Shimer, '88, and Miss Lena Guertin were married Wednesday, Oct. 14, in Springfield, Mass., the home of the bride's parents. Mr. Shimer is at present a prosperous stock farmer in Bethlehem, Pa.

—The regular quarterly meeting of the Board of Control of the State Agricultural Experiment Station was held at the Station Laboratory, Amherst, Tuesday, October, 13th, 1891. No business of special interest was transacted.

—From the report in our last issue of the Senior class meeting the invitation committee was omitted; it consists of F. G. Stockbridge, R. P. Lyman and W. Fletcher, and on the picture committee J. L. Field serves instead of J. E. Deuel.

—F. L. Arnold, '91, of the State Experiment Station, gave instructions in milk analysis at the Belchertown Fair, Oct. 14th.

—The Y. M. C. A. held a missionary meeting last Sunday evening. Remarks were made by several of the members on the great need of Christian work in our foreign lands, followed by Mr. Kuroda, '95, who gave an interesting talk on the condition of his people.

—Some Williston men are quoted as authority for the statement that the reason of the non-continuance of the Williston-Aggie athletic contests, is that the Williston Faculty have prohibited all such intercourse on account of the "slugging" propensities of the Aggie Foot Ball team.

—The directors of the M. A. C. Alumni Club of Massachusetts have voted to have a dinner at Hotel Thorndike, Boylston Street, Boston, on Friday, November 13th. The honorary members of the Club and the members of the Faculty will be invited as guests. After the success of last year a large attendance is anticipated.

—The officers of the Alumni Club for 1891-92 will be the same as for 1890-91, there being no change. Membership now is one hundred and twenty-six, five honorary—total one hundred and thirty-one. Eleven names have been voted upon favorably by the Directors, and they will probably be voted in next month making a membership of one hundred and forty-two. The report of the Treasurer showed receipts the past year of \$148.75 and expenses of \$129.71, leaving a balance in treasury of \$19.04.

—The Washington Irving Literary Society had a very interesting meeting last Friday night, the program being as follows: Declamation by A. C. Curtis; debate on the question, Resolved that the invention of gunpowder has been a benefit to mankind. The debaters were; first affirmative, L. W. Smith; first negative, A. R. Streeter; second affirmative, H. M. Fowler; second negative, J. E. Gifford; third affirmative, C. M. Dickinson; third negative, R. A. Cooley. The question was decided in the affirmative. An extemporaneous speech was given by H. S. Frost, and an essay by H. P. Smead. The question for debate next Friday night is, Resolved that intemperance is the chief source of crime. Mr. Dwyer will give an essay and Mr. E. D. White a reading.

FOOT-BALL.

STAGG'S ELEVEN, 30 ; AGGIE, 0.

The Aggie foot-ball eleven was defeated by Stagg's Young Men's Christian Association Training School Eleven, at Outing Park in Springfield, with the score of 30-0. The game was played before a large and select body of people ; the number of business and sporting men present was notable, and bore testimony that the Aggie team was considered first class, and worthy of such a competitor as the Springfield team.

The field upon which the game took place was one of the poorest to be found in the state, and necessarily prevented many good plays by both elevens, from maturing with intended results. Our shut-out was mainly due to this fact in connection with the sharp tackling and magnificent blocking of the Christian Workers. In this they showed great improvement over their last year's work.

The Springfield team confined nearly their whole work to dashes through the line or short runs around the ends by means of a complicated blocking dodge, but occasional variety was obtained by a long run by Stagg. For the Christian Workers, Exner, Naismith, Mahan and Black, of the rush line, showed great tackling powers, and the headlong plunging of Seerley and the sprinting of Van Luvan are worthy items of note. Stagg played his accustomed good game and was the centre of attraction of the crowd and their numerous Kodaks.

For Aggie the work of Davis at full-back, the half-backs, and Crane and Boardman in the line was exceedingly good, but their play was greatly handicapped because of the absence of Capt. Willard and several of the regular team. The loss of the usual captainship and work of quarter-back was greatly to the disadvantage of the team.

Seven touch-downs were made from which Stagg kicked three goals. The first was made by Van Luvan in three minutes after the opening of the game, by a long run, while the teams were having a scrimmage, and a goal was secured by Stagg ; second by Exner but failure for a goal ; third by Van Luvan with a goal by Stagg ; fourth by Exner, without goal ; fifth by Stagg, and failure at goal because of the dazzling powers of Aggie's line and the sixth and last one by Exner, with a goal by Stagg. The

game here ended with the ball close by center of field in Aggie's territory.

The teams lined up as follows :

SPRINGFIELD.		AGGIE.
Van Luvan,	right end,	Putnam
Mahan,	right tackle,	Graham
Patton,	right guard,	Boardman
Naismith,	center,	Bardin
Webb,	left guard,	Crane (Capt.)
Exner,	left tackle,	Lehnert
Black,	left end,	Henderson
Smith,	quarter-back,	Tinoco
Seerley,	right half-back,	Clark
Davis,	left half-back,	Perry
Stagg, (Capt.)	full-back,	Davis
Umpire, Mr. Stillwell. Referee, William Fletcher.		

AGGIE, 36 ; W. P. I., 10.

Our foot-ball team won its first game Saturday on the Worcester Athletic Association's Oval, from Worcester Polytechnic Institute, by 26 points to 10. The betting in the city before the game was in favor of the Tech. boys. The two teams were very evenly matched in the matter of weight, but Tech. showed woeful lack of training, were slow in handling the ball, and fumbled badly, while Aggie played a strong team game, and there was no ground for criticism of the work of a single man.

The teams were as follows :

WORCESTER.		AGGIE.
Rollins,	left end, right,	Rogers
Temple, (Burdick)	left tackle, right,	Graham
Stevens, (Lincoln)	left guard, right,	Boardman
Rogers,	centre,	Bardin
Butterfield,	right guard, left,	Crane
Alderman,	right tackle, left,	Lehnert
Hopkins,	right end, left,	Henderson (Parker)
Chase,	quarter,	Willard (capt.)
Allen,	right half,	Perry
Bartlett,	left half,	Clark
Southgate (capt.)	full-back,	Davis

The game started with the Aggie wedge, and by a break-away around the end by Willard, 25 yards are gained. By means of a V and two rushes, the ball is carried over the line in a half minute from the call of "Play" by the referee. Goal kicked by Willard. 6-0.

Worcester uses wedge, but Aggie's sand is shown by lying down in front of it. Temple was injured at this point, substituted by Burdick. Worcester loses the ball on four downs, but it is soon in their hands again, as a result of a poor pass. Worcester

makes poor work of the criss-cross, and it is Aggie's ball. Perry makes a long run, but the ball is lost in the next scrimmage in an offside play. A fumble gives it to Aggie again, and Perry carries it over. No goal. Score, 10-0. Worcester makes poor use of the wedge and fumbles again. Good work around the end by Aggie backs gives good gains, but at Tech's 30 yard line, Allen in an unaccountable manner secures the ball, and by a run of 90 yards scores a touchdown. No goal. Score, 10-4. Still more running around the ends, well distributed between the backs, carries the ball to the line, and Clark scores. Goal kicked. 16-4. The ball works back and forth, for a few minutes, when time is called with the ball near centre of the field.

Worcester's ball on the start off. Stevens is hurt in the wedge, substituted by Lincoln. Good breaking through by Aggie, and hard tackling makes four downs. Davis makes a long run, and good rushing by the line men pushes the ball well ahead. Henderson is here substituted by Parker who arrived on the grounds too late to take part in the first half. Worcester obtains the ball and kicks for safety. Perry regains 25 yards after the kick and Parker immediately adds 25 more on the criss-cross. Davis carries the ball nearly to the line and Clark pushes it over. No goal. 20-4. Worcester loses the ball on downs, and Perry gives a very clever exhibition of dodging, and gains 12 yards. Clark goes through centre for 20 yards and Lehnert takes the ball between the goal posts. No goal. Score, 26-4. Worcester starts with the V, but is stopped without gain. On the next play they were given 25 yards, on a throttle by an Aggie man, Butterfield makes a good run, and hard pushing carries the ball over the line. Southgate kicks goal. Score, 26-10. Aggie gains 12 yards on the V, the tackles advance the ball still more, and Parker and Perry work the criss-cross for 25 yards, bringing the ball to Worcester's 5 yard line, and it is soon pushed over. Goal kicked. Score, 32-10. Four minutes more to play. Worcester uses the V but loses the ball on four downs, and Perry, Parker, Clark and Davis carry the ball to the line, and Perry puts it over. No goal. Final score, 36-10.

Summary—Touchdowns, Lehnert 1, Davis 1, Perry 3, Clark 2, Allen 1, Bartlett 1. Goals kicked—Willard 4, Southgate 1.

NOTES OF THE GAME.

The game was noticeable on account of the number of long runs made, many being of from fifteen to thirty yards.

The criss-cross worked to good advantage.

Worcester easily learned our signals. "When the guard gave a sign and then the quarter-back, it meant for the full-back to take the ball, and he pointed around which end he was going." Capt. Southgate.

Parker arrived at an opportune moment.

The boys were well pleased with the treatment received at the hands of the Tech. men.

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NOTES AND EXCHANGES.

Seldom do we find a year when the entering classes in so many of our colleges have been the largest that have ever entered, as we do at the present time. Yale has by far the largest Freshman class that has ever entered that institution. The same is true of several other New England colleges while some of the Western colleges are severely taxed to meet the demands made upon them by the large Freshman classes.

Four hundred and forty students have been admitted to the Leland Stanford, Jr. University. The number of applications was over eleven hundred.

Harvard University has a library of 365,000 volumes. Yale and Cornell follow with 200,000 and 150,000 volumes respectively.

The University of Wisconsin is erecting a Dairy building at a cost of \$25,000.

The profits of the Yale Glee club for the season of '90-'91 were nearly \$4,000.

The University of Michigan at Ann Arbor has an enrollment of nearly 2700 students.

Brown University opened this year with a course for women, who can take the entrance examinations and then pursue the course of study outside, not receiving class-room instruction. On the completion of the course prescribed certificates and not diplomas will be awarded.

The percentage of students to the whole population in this country in 1890 was one to 1355, an increase of twenty-two per cent. over 1880. By estimating the college age as from sixteen to twenty-four, then of this college age of the total population there were in college in 1890 one to 252 an increase over that of 1880 of about sixteen and two-thirds per cent.

Four new college buildings will be erected at Princeton during the coming year, two dormitories, an auditorium, and an athletic club house.

For the sake of Williston we trust that the girls at Wellesley did not see the *Willistonian* for Oct. 10th, in which issue it was stated that the average waist measure of Wellesley students was 54.2 inches.

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Pipe Orator,	F. G. Stockbridge.

Class Day Committee.

E. T. Clark, M. H. Williams, H. M. Thomson.

Musical Committee.

E. Rogers, H. E. Crane, W. Fletcher.

COMMUNICATION.

EDITORS AGGIE LIFE:—I notice in your last issue an editorial in which a plea is made for a pond on the college grounds. I believe in the idea of a well made and well kept artificial pond located between the new Chapel and the county road, as I think it would be an ornament to the college grounds and a source of pleasure to the students. It is not a new idea, having been considered to a greater or less extent ever since the establishment of the College. The lack of funds has prevented the carrying out of the plan.

At the annual meeting of the Trustees is January, 1890, one of the Board, Mr. Wood, presented diagrams of a proposed artificial pond at the College; also, estimates of the cost of the same. On his motion it was voted to refer the subject to a special committee of three, which committee, (E.W. Wood, Wm. Wheeler, and Pres't Goodell,) were authorized to visit ornamental ponds in different localities and report at a future meeting. Accordingly, at the Commencement week meeting in June following, Mr. Wood, chairman of the committee, reported that the formation and construction of an artificial pond in the ravine above the walk leading from the dormitories to the plant house was feasible and desirable, and recommended that such a pond be constructed as soon as there were funds for such a purpose. The estimated cost of the work of constructing the dam was stated to be from \$600 to \$1,000. It was voted that the report of the committee be accepted, and that their recommendation be adopted as soon as there shall be funds that can be made available therefor.

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AGGIE LIFE.

VOL. II.

AMHERST, MASS., NOVEMBER 11, 1891.

No. 5

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Editorials.

ONE of the first things learned by a successful business man is that he must keep his appointments whenever there is a possibility of so doing. The very few who make this a point in their characters take pride in it, and feel so much the more repaid if greater or less obstacles are surmounted in the accomplishment of this design. Foot-ball managers are supposed to be men of business, but the number of games that are cancelled by some of them would seem to certify that they make their appointments a matter of very little importance. Sad experience has taught us this, for game after game has been cancelled this fall, owing to some hindrance of a trivial character. This is a disappointment to the the students, as, supporting the team as they do, they naturally hope to see a few games during the season. And it is not only the student body that is inconvenienced, but also the team itself. The tendency always is, if there is an important game to be played, hard work will be done in

preparation. If no games are arranged for the future, then the practice will be carried on in a heartless manner, and consequently improvement will be slight. There must be games or there will be no interest. These things are probably overlooked by the ordinary manager of a team, but it is earnestly to be hoped that the remaining games arranged will be played at the expected time and place.

THE good showing which our foot-ball team made against Amherst college in the two games played week before last, calls for the commendation of the college in general. It is a fact to be proud of that with only about a hundred and forty men to choose from, we should hold Amherst down to sixteen and twenty points respectively, and score a touchdown in addition. There is one point for which more credit should be given the Aggie team in these two games especially, that is, the good showing made against superior numbers to choose from, and with no trainer, we have been able to hold our opponents, who have been under the instruction of some of the best athletes in the country, down to a very few points. But in speaking of the advantages of a good athletic team of any sort, we cannot confine the good results to ourselves or the players. It is a fact often lost sight of, that a successful athletic team is one of the best advertisements that a college can have. Some young men have a desire to follow out such a course of study as we have here, but are withheld from coming through their ignorance of the existence of the college, or because they do not wish to attend a college of which little is heard. By playing such games as our team has played this fall, we receive favorable notices from such papers as the *Springfield Republican*, and the *Boston Herald*, and others, and the benefit of such advertisements can hardly be overestimated. The policy which has been adopted for

the past two or three seasons, that of playing teams of recognized strength, is worthy of commendation, for it is more creditable to lose to a strong team than to win from a weak one. It is unfortunate that we have been unable to get more games this fall, but the playing season is not over yet, and there is a possibility that we may yet see the maroon and white again victorious.

EVERY well informed citizen is aware of the great power for good or evil that is exerted over every enterprise, be it new or of long standing, by the public press. The success or failure of any organization or institution is often largely determined by the position taken regarding it by the newspapers and periodicals. If the plan is generally endorsed by the press, so it is by the public, and it will be likely to succeed. If, on the other hand, the newspaper does not favor the scheme, and uses its influence against it, failure often results. During the organization of the Massachusetts Agricultural College, a quarter of a century ago, a great deal of influence for or against it was exerted by the press of this and other states. Since the success of the institution has become permanently established, the newspapers have endeavored to furnish the public from time to time with substantial accounts of the work accomplished by the college and experiment stations, at the same time commenting on the more important events that have transpired in the history of these institutions. The citizens of the state of Massachusetts are taxed for the support of the college and experiment stations, and it is no more than right that there should be some means by which they may constantly know of what is going on at these institutions. Although this has been partially done by the local reporters of the several newspapers, the news thus afforded is insufficient and often unreliable. Recognizing this state of affairs the authorities have recently considered a plan by which the college news may be sent in a reliable form to the principal newspapers by special reporters appointed from among the faculty and students of the college. Under this plan the news will appear by itself, unmixed with items from other colleges or those concerning other subjects, and can be depended on as accurate by all who are interested in the college.

It is a fact generally known among the students of the M. A. C. that they have at their command a comparatively large library, which is open certain hours every day for their special benefit. It is a fact to be regretted that a very small proportion of the students go to the library for books unless referred there by their professors to look up on some special subject connected with their work in his department. When one of the professors does refer his class to some particular books to be found in the library, there is at once a great rush for the desired volumes, and the one who happens to be the first to apply is the lucky man. He takes the book to his room, uses it, and lays it aside on his book shelves where it is likely to remain until the call for books at the end of the term. Do the readers of AGGIE LIFE consider this to be a right condition of affairs? The books when borrowed from the library should be used and returned as soon as the readers are through with them. Our library, being smaller than most college libraries, and used by a smaller number of students, is devoid of the usual strict regulations regarding the drawing and returning of the books. Advantage should not be taken of this fact to partially deprive a number of students of the library advantages by a simple neglect on your part. The library is perfectly convenient to both dormitories, and there can be no excuse for keeping a book a whole term when the borrower has no use for it. Are the members of the Freshman class aware of the existence of a library on the college grounds, which contains over ten thousand five hundred volumes? If so, why is it that out of their forty-two men, only fifteen have drawn books this term? Our library is a college library, and is designed for the free use of all the students; however, it is certain that all the students do not have the free use of it, when some men are allowed to take out an indefinite number of books and to keep them until the end of the term, as has been the practice. This evil has grown to so great an extent the last few years as to make it a question whether it would not be advisable to adopt some means to regulate the return of books, and thus secure equal advantage to all, and at the same time raise the standard of the library. This step will not be necessary if these students will only try and realize that they are infringing on the rights of others every time they keep

stored in their room books that should be returned to the library that others may use them.

Contributed.

MODERN JAPAN.

S. KURODA, '95.

Decidedly one of the most interesting facts in the past history of the world, is the striking illustration it has afforded of the great law of civilization, the movement from east to west. The country where civilization first originated is not known to us with certainty; but as far back as our vision can extend, we behold it upon the most eastern limits of the old world. The tide of civilization swept calmly, but irresistably, over the land of Greece long before it visited the great Roman Empire with its most luxurious days. Then to France, where it started forth in a new vigour to make the conquest of Europe; then to England; and lastly, in the United States the mighty current of the old Greek civilization has found its destiny, leaving a wide track upon the history of human life. Civilization has benefited social and individual welfares. The barbarous tribes, who once roamed over the plains west of the Alps, have established the most civilized powers in Europe. At the same time the fearful aspect of the warlike men was changed to one more pleasant, and godlike by the influence of Christianity which is the spirit of civilization.

Here the current has again gathered its forces, and started for the last conquest over to the most eastern kingdom of the motherland. We see there two symptoms of civilization: the progress of society and the progress of individuals; the melioration of the social system, and the reformation of the mind and faculties of man.

About thirty years ago, when Japan was still a hermit nation, no person was allowed to believe any other religion than that of the original Japanese, to travel abroad, to study foreign languages, or to introduce foreign customs. Death was the penalty for violating these laws. At present, however, Christianity is making its way rapidly among the great mass of people. Many Japanese now go to Europe and America, where they are either employed in various establishments or studying in

schools of agriculture, medicine, law, etc.

The English language has now become established throughout the Empire. European clothing has also become fashionable among the higher classes, while it has become compulsory for all officials when on public duty. Some of the ladies have begun to learn foreign dancing. Handshaking was formerly unknown, now it is much preferred to the fashion of bowing in various degrees.

The science of medicine was first introduced from Holland. The European system of a standing army has taken the place of the former military classes. The criminal law is compiled according to the western model. The school system is remodeled from this country, and the arts and sciences of the west are now studied and practiced in most complete conditions.

Concerning transportation and communication in Japan, there is no doubt that the Empire has considerably improved its facilities in the way of roads, vehicles, postal, telegraph, electrical, and steam service. To the ancients of Japan these were thoroughly unknown. It is said a person was obliged to spend about three years to visit the capital from my home, which is six hundred miles to the west. We can easily traverse this distance in three days at present.

Now wide and smooth high roads interline the land, while in the surrounding seas there are innumerable steamers flying as shuttles from one point to another carrying commodities and passengers. In the cities and towns there are numerous small two-wheel carriages called *Jinrikisha* to be seen. There are also several lines of horse-cars in cities. Telegraph lines, which span the air like a spider's web, have been constructed throughout the country, and at the same time railroads were established connecting the northern and southern limits of the Empire.

As mankind advances in the social and individual conditions the practice of exchange increases; in Japan commerce is now assiduously encouraged. According to the report of our government, in 1889, the total sum of imports amounted to \$52,354,186, while that of exports amounted to \$55,488,078.

Let us draw our attention to the education of the country. In olden times, the Japanese had no letters, but they expressed their ideas by means of ideographs, which were the origin of the first Japan.

ese phraseology. This phraseology was gradually taught to the young people of high rank. The school at this period, if we may call it so, was only a small hall or room. When the intercourse between China and Japan was opened, many hundred years ago, Japanese education was a very complicated one. Chinese poetry and morality then formed the main part of learning. Owing to the nature of Chinese literature, education consisted only in committing to memory the moral teachings of the ancient philosophers, and in studying the biographies of great men in the past. Those who could understand many difficult words of ancient authors were honored as learned men, and those who were skilled in writing were highly admired by all.

Going down to the beginning of the sixteenth century, when the military exercises decayed, literary culture greatly advanced under the control of *Tokugawa* government. Many schools were established in the provinces, and to those schools were admitted the young lads of the knights. Before that time the regular school was for young nobles only. For the lower classes there was no school at all, so that the mass of the people did not know how to read and write even their own names.

The students of old Japan were very frugal, their dresses being simple and their food exceedingly poor. As they neglected the rules of health, they were often ill. They despised many useful sports as childish things, but they kept themselves close in their own rooms. In short, the old Japanese students learned not to enjoy a long happy life, but rather to excel in knowing many things from books. Entering in our own age we made a grand leap in regard to education. We spend more money, more time, more thought upon our school system than on almost any other part of our public enterprises; and we have one large university, seven colleges, and schools of commerce, arts, agriculture, and music, under the governmental supervision. Beside these there are academies, common schools, and many private schools. In Tokio, the present capital of Japan, there are more than eight thousand students in the schools above the primary grade. Thus by these schools the present young people are educated very systematically, and hence Japan can not be said to be an ignorant nation; although our older people are still heathen and ignorant, the nation, as

a whole, is intelligent and progressive. The desire for western knowledge is at present paramount. This condition is chiefly owing to the missionaries from abroad, in their direct or indirect influences upon the people.

The *Doshisha* College, which was established by Dr. Joseph H. Neesima, who graduated at Amherst College in 1879, is the type of the best class of the private institutions. The college is situated just behind the old Imperial Palace, sheltered by picturesque hills, and sufficiently removed from the bustle and gaiety of the city Kioto. There are several professors from America for whom good substantial buildings are provided.

Thus far we are very grateful for the generous help of Americans to forward our works of many years, even though it is their duty to stretch helping hands toward us, as they are the transporters of the old Greek civilization. They are honorable actors of civilization, on the stage of the nineteenth century. They are the chosen people of this epoch to transport the word of God in which the abundant sources of true civilization are involved, and we too shall ever look to them as our best friends.

THE SKATING POND.

Although the trustees have agreed to build a permanent pond on the college grounds, at present the finances are such that it seems impracticable to incur the expense of putting in a stone dam.

Professor Brooks kindly offered to construct a substantial plank dam if the students would furnish the material. This they have gladly done with the aid of the resident graduates who have also taken an interest in the matter.

Sup't Cooley has begun the work of construction in a manner that bids fair to insure for us this winter a sheet of ice that will not collapse with the first crowd that ventures upon it. We certainly hope that this winter we shall not be aggravated by the disappearance of our ice just at the time when we most wish for it.

We have in prospect many pleasant times, and many contests with the polo stick.

The Porter admission prize, offered for the best entrance examination to Amherst, was awarded to a graduate of St. Johnsbury (Vt.) Academy.

ATTENTION!

Last year the AGGIE LIFE brought before the students the appropriateness of having a College song, but no one took it upon themselves to contribute. Now with the advent of the large Freshman class, and with the marvelous development of brain capacity among members of the other classes during the last year, is there not someone in college with enough poetic and musical talent to furnish us with a rousing new College song for Aggie?

In order to create an interest in this work, the management of AGGIE LIFE offer for the best College song, (words and music to be original), handed to them before the 15th of Jan. 1892, a prize of \$5.00. Now boys wake up and give us something worthy the prize.

A TRIP TO THE CLAY PITS.

"Are you going to the clay-pits?" "Where is the Natural History Society?" These were the questions repeatedly asked in front of the North College, Saturday afternoon, Oct. 31. A party of six or eight students were waiting for the members of the society who were to act as guides to the proposed expedition. These gentlemen, however, did not appear, and the trip was about to be given up when Dwyer, who knew the location, offered his services as guide.

Right here I would ask, "Why did not more members of the N.H. S. join in this tramp?" These trips are posted as for the society and "all students not members." And of the nine fellows who started but three were members of the society. The others were drawn partly by curiosity and partly for the enjoyment of the walk. The afternoon was all that could be desired by the "trampers." The air was warm, and the sun hidden by the clouds the greater part of the time.

These so called clay-pits extend from nearly west of Chittenden's Stock Farm, for a mile up the eastern bank of the Connecticut. On the bank near the water's edge are found the curious formations known as "clay-stones." The geologist, Tenney, gives the following concerning them: "Clay-stones are nodules or concretions of agrillaceous matter. Not unfrequently they have as a nucleus a scale of a fish, or a shell, or some other organic matter. Clay-stones occur of almost every variety of form,

sometime taking shapes, which with the aid of a little imagination, appear to be those of familiar animals."

Specimens have been found on the Connecticut at East Windsor, Conn., Holyoke, North Hadley, and Northfield, Mass. Each member of the party secured several and some were of such peculiar forms as to draw exclamations of surprise from all. The most common forms obtained were cylindrical, and sometimes with a groove on one edge. Spherical ones were also found and some having forms of human beings, animals. A well defined pipe, was found by one member of the party. As darkness approached we retraced our steps and at six o'clock reached "Aggie," realizing that our collection had well rewarded us for our wet feet and soiled clothing.

T. S. B.

AMHERST COLLEGE LECTURE.

The first lecture in the Amherst College Lecture Course was delivered last Friday evening by Dr. Truman J. Backus, President of Packer Institute, Brooklyn. His theme was Alexander Hamilton, and for over an hour and a quarter, the audience listened to him with increasing interest. He traced the life of Hamilton from the time he was but a mere boy, fourteen years old, conducting the most extensive business in the Bahamas; through his student life at King's College, when at one time under an assumed name, he drew the President of King's College into a political debate, the arguments being presented in articles sent to the leading newspapers, and fairly defeated him; through his brilliant military career, during the latter part of which he was General Washington's most trusted and gifted staff officer; through his professional life, when as a lawyer, he attained remarkable success; and through the last years of his life when his services as statesman, and financier for his country were of the greatest importance in the establishment of our government. And then, briefly but impressively, related the circumstances of his death, picturing in vivid language, the scene of the duel with Aaron Burr, and the effect on the feelings of the people.

He convinced every one present that Hamilton was one of the most illustrious men America has

ever known. In the words of the speaker, "George Washington was the father of his country, but Alexander Hamilton was her greatest son."

College Notes.

—Oct. 27, Amherst 16, Aggie 0.
 —Oct. 29, Amherst 20, Aggie 4.
 —Battalion drill is now in order.
 —White, '94, tolled the bell last week.
 —The Glee Club pictures have arrived.
 —A. R. Streeter, '94, spent Sunday in Albany, N. Y.

—Dr. Marsh of Amherst occupied the pulpit, Oct. 29.

—Dr. Walker preached at the First church, Oct. 29.

—Most of the Freshmen now have their military uniforms.

—The stoves in North College are now in excellent repair.

—The first dress parade occurred last Friday, on the campus.

—Mrs. H. H. Goodell arrived home from Europe week before last.

—Our foot-ball team will probably disband after the game to-day.

—R. P. Lyman, '92, was confined to his room last week by sickness.

—The Owl Club has organized for the season and is doing efficient work.

—J. S. Williams, of Middleboro, Mass., has entered the Freshman class.

—Our manager has experienced hard work in arranging games this season.

—It was a hilarious crowd that witnessed the foot-ball game last Wednesday.

—Saturday, Oct. 31, the Natural History Society took a tramp to the clay pits at the Connecticut river.

—The dam is now being constructed. The students subscribed quite a sum for the cause.

—The tennis singles have at last been played off, Howard '94, defeating Fletcher '92, 6-4, 4-6 and 6-7.

—Don't say anything about the band—their intentions were good.

—F. L. Greene, '94, was called suddenly home last week by the illness of his aunt.

—D. C. Potter, of Fairhaven, Mass., will enter the Freshman class.

—F. L. Taylor, '90, is at his home on a vacation from his work in the Gypsy Moth Commission.

—I. C. Green recovers his hat through the American Express Company. Charges, twenty-five cents.

—Are we to have a fire drill this term. The importance of this cannot be overestimated.

—Base-ball seems to have taken the place of foot-ball practice just at present.

—The battalion have been obliged to drill in the hall but once this term.

—Target practice occurs every Saturday morning after inspection; all who wish may take part.

—An unusually large number of students are attending the Amherst College lecture course this term.

—A group picture of the foot-ball team was taken by Schillare of Northampton, Oct. 28. Every one pronounces it good.

—Brown, '95, is reported to have opened a tenement house to accomodate those Freshmen who have not been initiated into the Owl Club.

—The annual dinner of the Mass. Agricultural College Alumni Club, will be held at Hotel Thorndike, Boston, next Friday evening at 6 o'clock.

—Last Saturday, about fifteen students took a tramp to Whately Glen, under the auspices of the Natural History society; all report a good time.

—Holy Cross foot-ball team plays here to-day. The game was to have been played a week ago, but some of their men being disabled, it was postponed.

—A competitive drill was held between the four companies last Thursday to determine the color company. It was won by Company C; Lieut. Cornish and Major Clark were the judges.

—The first of the meetings of the Chemical society for this year, was held last Wednesday evening in the Chemical lecture room. The subject under discussion was the first of a series of talks on Agricultural foods.

—A game of foot-ball, Nov. 4, between Amherst High School and the Freshmen, resulted in a victory for the latter by a score of 4-0.

—The second lecture in the Amherst College lecture course, occurred last Friday evening. It was by Dr. Truman J. Backus; subject, Alexander Hamilton.

—On account of the poor manner in which the undergraduates of Columbia college have supported the foot-ball team this season, the team has signified its intention to play no more games.

—The usual extensive preparations for the Yale-Harvard foot-ball game are being made at Springfield. Quite a large number of our students have signified their intention of attending.

—A meeting of the N. H. S. was held Monday evening, Nov. 2. An interesting description of the minerals obtained at the asbestos mine was given by Mr. F. A. Smith, and after a general discussion of plans for the winter's work, the meeting adjourned.

—The east entry of North college dormitory can truly lay claim to being the musical entry of the College. It contains four fifes, two cornets, two baritones, three violins, a clarinet, a guitar, an organ, two snare drums, a bass drum, a banjo and last but not least, the cymbals.

—The Base Ball Association has given the "back-stop" a coat of maroon paint, and another will be applied soon, with the letters M. A. C. in white upon the front. The association requests that all classes be unselfish enough to leave these College colors undefaced by class work, and that individuals may refrain from marring it in any way.

—At a meeting of the Natural History society, held Nov. 2, the following amendments to the constitution were adopted:

1. The required number of members to form a quorum shall be reduced from a majority to one-third.

2. Any member who is absent from three consecutive meetings shall give a suitable excuse for the same or be liable to expulsion from society.

A college paper gives a more definite idea of the moral and intellectual tone of a student body, than catalogues or letters of professors judged by that standard.—*Ex.*

FOOT-BALL.

AMHERST 16, AGGIE 0.

The second Aggie-Amherst game of the season took place on Pratt Field, and resulted in a defeat for our team, although the disappointment was greatest among the supporters of the latter eleven.

Amherst's score against the Aggie eleven 44-0 in the game of two weeks ago, gave her the support of the sporting men, but Capt. Lewis' team had improved but little, while the Aggies showed marked improvement at all positions.

Amherst continually fumbled the ball but usually secured it again by the proficiency in dropping upon it, their tackling was also exceedingly poor, and their tremendous rush-line repeatedly gave away to the strength and perseverance of the Aggies.

Aggie played its strongest game of the season, with one substitute player, and as a whole played a game but little inferior to that of Amherst. Their offensive playing was superb, Clark and Perry carrying off the honors. In their defensive game, a weakness was seen, but against the weight of the Amherst team, which was much more than that of Aggie, their work was commendable. The tackling of Willard, and the rushes of Crane and Rogers were exceedingly good. Throughout the game Deane, the Amherst coach, participated in the game, and was of great help in the bunt rushes through the Aggie line, and occasionally he would turn his hand to blocking. This with the change for fresh half-backs by Amherst told heavily against Aggie.

The game opened with Amherst ball and a bunt rush for five yards, a series of rushes and they reach Aggie's 10-yard line; here they lose the ball on four downs, but soon obtain it again by a series of ineffectual rushes by Aggie. However four downs again gives Aggie the ball, and they manage to keep it nearly the whole half, and succeed in getting very close to Amherst goal. Here the ball is lost and Amherst by a series of end plays, brings the "pigskin" to within 7 yards of Aggie goal, where they are beautifully held by them, and Aggie manages to hold the ball the remaining time. Score 0-0.

The second half opened with a bunt rush by Aggie, followed by a 20-yard sprint by Rogers, but the ball soon goes to Amherst and by a series of end plays, Alexander goes around the right end and

scores the first touch-down, ten minutes before call of time. G. D. Pratt kicks a goal. Score 6-0.

Aggie tries V rush with large gain and Perry goes around the end for 12 yards. The ball is here fumbled and Amherst secures it, and after three bad fumbles, F. Raley succeeds in scoring a touch-down. Score 10-0.

Aggie again opens with V, but the ball is fumbled on the 25-yard line, and Amherst upon securing it, presses F. Raley for a touch-down, from which a goal is kicked. Score 16-0.

Amherst secured her points after twilight had come on, and seemed to put much dependence upon playing in darkness.

The line up of the teams:—

AMHERST.		AGGIE.
G. S. Raley,	right end,	Rogers
Alexander,	right tackle,	Graham
Penney,	right guard,	Boardman
Lewis (capt.),	centre,	Baker
Hess,	left guard,	Crane
Baldwin,	left tackle,	Lehnert
Upton,	left end,	Parker
H. L. Pratt,	quarter-back,	Willard (capt.)
Gould (F. Raley),	right half-back,	Perry
Gould (Ewing),	left half-back,	Clark
G. D. Pratt,	full-back,	Davis

Umpire and referee—Hamilton, Amherst '93, Fletcher, Aggie '92. Score 16-0. Touch-downs—Alexander 1, F. Raley 2. Goals—G. D. Pratt 2. 20 min. halves.

AMHERST 20, AGGIE 4.

The Amherst and Aggie college elevens have again met for honors, upon the grounds of the latter team, and the result was a victory for Amherst, though by a much closer score than was anticipated.

The Aggie team started out with great energy and their opponents seemed to be motionless, nor did they rally until Perry made a touch-down in three and one-half minutes, running the entire length of the field with the Amherst team in close pursuit. These were the first points secured by Aggie against Amherst for a period of several years, and necessarily tended to bring Amherst from her stupor.

Amherst now gains several yards by end plays, and although Capt. Willard's fine tackles cost them many downs, Talcott secures a touch-down. Goal by Pratt. Score 6-4.

Aggie opens with V, and a following crisscross gains 15 yards. Perry makes a run and places the ball within 9 yards of Amherst goal. Four downs,

Amherst ball and as an only chance they punt and Aggie secures the ball only to lose it by a fumble. Jackson now by a series of "battering ram" rushes through the line, secures the second touch-down. Pratt kicks goal and the score is 12-4. The first half ends with the ball in possession of Amherst at the centre of the field.

In the second half, for Amherst, Penney and F. J. Raley were substituted by Sears and Waite, respectively. Aggie presented the same line up and played a hard game, against their opponents, with the addition of the fresh half-backs. Throughout the half, both elevens worked hard, and although Aggie could not long keep the ball in Amherst territory, they prevented them from doing any great offensive playing.

Aggie in the second half opened with a V wedge followed by bunt rushes by Craue and Lenhart but Amherst takes the "sphere" on four downs and with several minor rushes, Baldwin scores a touch-down through the line. Score 16-4.

Again Aggie tries the V but the ball is fumbled and goes to Amherst, who immediately by hard work push Waite for a touch-down. Score 20-4.

Aggie opens with bunt rushes and manages to keep stationed on Amherst territory for nearly the remainder of the half, and the game ended in this position.

Amherst's left end rusher, made himself conspicuous throughout the game, by continual off side play. The manner in which Aggie handled the heavy rush line of Amherst was a surprise to all, especially the line themselves.

The teams lined up as follows:—

AMHERST.		AGGIE.
Upton,	right end,	Rogers
Baldwin,	right tackle,	Graham
Hess,	right guard,	Boardman
Lewis (capt.),	centre,	Bardin
Penney (Sears),	left guard,	Crane
Talcott,	left tackle,	Lehnert
G. Raley,	left end,	Parker
H. Pratt,	quarter-back,	Willard (capt.)
Jackson,	right half-back,	Perry
F. Raley (Waite),	left half-back,	Clark
G. Pratt,	full-back,	Davis

Referee and umpire—G. L. Hamilton of Amherst and William Fletcher of Aggie. Touch-downs—Perry, Talcott, Jackson, Baldwin, Waite. Goals—Pratt 2. Time—1st half, 25 min; 2d half, 20 min.

FRESHMEN 4, HIGH SCHOOL 0.

The Freshmen succeeded in defeating the High School eleven on the campus last Wednesday afternoon by a score of 4 to 0. It was a long drawn out contest devoid of skill and interest. The Freshmen showed very little improvement and relied mainly on their superior weight to push through their opponent's weaker line. There was no team work whatever. The High School eleven played a strong game considering their size and their gains were characterized by some good team work. Davis and Bagg did the best work for '95, and Fletcher and Bias for the High School.

The teams lined up as follows:—

AGGIE, '95.

Haskell,	right end,	Hunt
Warren (capt.),	right tackle,	Courtney
Bagg,	right guard,	Atwood
Ballou,	centre,	Weaver
Read,	left guard,	Strong
Howard,	left tackle,	Lessey
Drury,	left end,	Pease
Clark, (Cooley)	left half-back,	Bias
Sastre, (Brown)	right half-back,	Palmer
Davis,	full-back,	Fletcher
Stevens,	quarter-back,	Adams

Cooley substituted for Clark and Brown for Sastre in last half. Umpires—Perry '93 first half, Rogers '92 second half. Referee—Fletcher first half, Perry second half.

The Washington Irving Literary Society held its regular meeting last Friday evening. The program was as follows: Declamation, G. E. Smith; reading, H. J. Fowler; the question for debate, Resolved: That practice in athletic games should form a part of every system of education. The debators were A. C. Curtis, F. W. Park, W. E. Sanderson in the affirmative, and C. H. Spaulding, C. M. Dickinson, T. P. Foley in the negative. The weight of the argument and the merits of the question were both decided in the affirmative. An extemporaneous speech was given by C. M. Dickinson on "The Plan of the World's Fair to be held at Chicago."

The question selected for debate at the next meeting is, Resolved: That prohibition can best be obtained by the third party. The following appointments will hold: Affirmatives, H. D. Clark, C. P. Lounsbury, E. A. Hawks; negatives, F. T. Harlow, H. M. Fowler, A. Davis; declamation, J. E. Gif-

ford; reading, Hemenway; essay, E. A. White.

The membership of this society, which is forty-three, has never been so large as at the present time. The meetings are well attended, and the prizes, which are to be awarded to the best debaters of the Freshman and Sophomore classes at the close of this term, should encourage each member of those two classes, who belongs to the W. I. to try and secure one of those prizes. The practice which he will get by debating will be worth much more to him than the money value of the prize.

Alumni Notes.

F. H. Fowler, '87, spent a portion of Saturday at M. A. C.

F. A. Davis, '87, of the Eye and Ear Infirmary, Boston, Mass., will soon visit Europe both for study and recreation.

John S. Loring, '90, assistant horticulturist, has severed his connection with the Hatch Experiment station. He will go into the milk business in Shrewsbury.

J. B. Hull, '91, is very sick with typhoid fever, in Boston.

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PRAYER-MEETING TOPICS.

- Nov. 12.—What the Lord has done for me. Testimony meeting. I Cor. 15: 57. C. H. Barton.
- Nov. 15.—Character Building. I Cor. 3: 9-23; II Peter 1: 1-15. G. H. Merwin.
- Nov. 19.—Success; How gained. Eccl. 9: 24-27. G. E. Smith.
- Nov. 22.—Blessings of Confessing Christ. Mark 8: 34. H. P. Smead.

NOTES AND EXCHANGES.

The Cornell foot-ball team has disbanded for the season.

Harvard and Princeton will not meet in foot-ball this year.

The University of Vermont has lately received a gift of \$5000.

The students of Iowa College have pledged \$6,500 for a Y. M. C. A. building.

The Seniors at Wesleyan have followed Yale in the adoption of the cap and gown.

Pipe smoking is now fashionable at Yale, the cigarette having gone out of style.

The Harvard Annex, which is now in its thirteenth year, has over two hundred students.

Gov. Ladd has just presented Brown University with an astronomical observatory costing \$25,000.

The Princeton catalogue which is about to be issued will have an enrollment of about 1000 students.

Syracuse claims the most costly college building in America, the Croure Memorial Hall costing \$700,000.

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By reason of the largely increased attendance at Smith, it has been found necessary to build two new dormitories, which are to be completed by the beginning of the next collegiate year.

The Smithsonian Institution at Washington has recently accepted a gift of \$200,000, the use of one half of which is to be for the increasing of knowledge of the relations of atmospheric air to physical welfare of man.

Out of seventeen professors, of the University of Iowa, who have been interviewed in regard to their views on the Fraternity question, all but two declare themselves in favor of the Fraternity, provided it is conducted on right principles.

It is reported that the king of Siam is to send six young men of his nation to be educated in Pennsylvania. Generous provisions are to be made for the maintenance of the young Asiatics as they are to be allowed a stipend of \$500, from the national treasury.—*Ex.*

The Seniors at Yale have decided to procure caps and gowns which are to be worn on Sunday, at commencement exercises, and on any other important occasions. One of the reasons for its adoption is the comparative cheapness, the cost for the Yale students being but \$62 each.

Harvard and Yale have agreed to play a football game at Springfield annually for the next four years. Great preparations are being made for the game which will take place between the colleges at Hampden Park this fall. The grand stand now being built for the game will have a seating capacity of 20,000, which is several thousand greater than it was last year.

Dr. Leaven, professor of athletics at Yale, has recently published statistics gathered from observing the effects of tobacco smoking upon the health and minds of Yale students. He says that the smokers at Yale have less lung power than the anti-smokers, less chest capacity and less bodily weight. He also states that of those students who within a given time have received honorary appointments, only five per cent. were smokers. The Professor's demonstrations appear to be influencing Yale students, for some seventy per cent. of the Senior class are non-smokers.

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AGGIE LIFE



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AGGIE LIFE.

VOL. II.

AMHERST, MASS., NOVEMBER 25, 1891.

No. 6

AGGIE LIFE.

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Editorials.

THE practice of kicking foot-ball on the lawn in front of South College, in spite of the desires and special requests of different members of the Faculty is becoming more and more common. According to one of the Professors, it took years of President Goodell's attention to get that lawn into presentable condition, and now in return for his labor, thoughtless young men will trample down or entirely uproot the fine green grass. That is certainly not the form gratitude usually takes. If these men will only stop and think a moment they will see that the campus is the proper place for foot-ball and all such sports. In connection with this matter, it may also be said that the "short cut" across this very lawn is no ornament to the grounds whatever. It is but little trouble to follow the concrete walk, and then no injury is done. If these proceedings are not stopped right here, then the grounds under consideration will be in a shameful condition in the spring.

As the term draws near its close we are reminded that the Ninety-three *Index* board must be bringing its labors to a culminating point, and we begin to await patiently for the issuing of that honored Junior publication. Although we have no inkling as to what its nature will be yet we cannot but believe that Ninety-three will present to the students an *Index* fully up to the usual standard. The editors have had opportunity for preparing the customary stock of editorial "funnyims" which forms an important part in their publication, even though it may not always be appreciated by those who fall under the ready pen of the *Index* wit. Things often creep into this volume that would be better left unsaid, as even the editors themselves admit when they see the fruits of their work in print. Yet for all this, each year finds the *Index* possessing a higher literary merit than did that of the year before, and we trust that the class of Ninety-three has proved no exception to the rule, as the chronicling of Aggie history falls from her shoulders into the hands of the Ninety-four *Index* board.

OUR foot-ball season is now a thing of the past, and though it was short, it is one which we can look back upon with pride. When '91 left us last June it looked as if our foot-ball interests had suffered a serious blow, for it seemed as if the places left vacant by last year's foot-ball men would be hard to fill. But a disappointment of a happy nature awaited us on our return last September. When the call for foot-ball men was given, a large number presented themselves every day for practice and the competition for places on the team was vigorous. The result was the best team Aggie has had for years. The old saw "competition is the life of trade" is equally true in making up an athletic team of any kind. The crude material selected,

the next step was to develop it. To Captain Willard, great credit is due for the able manner in which he brought out a team which should work as a unit, from eleven individual players. The theory that team work is the only way to win games has long been held, but this fall has seen a practical application of the theory. Our first game, with Trinity, opened our eyes to the fact that we had a strong team, and the result of our last two games with Amherst confirmed our belief. Our last two games were victories and made a happy closing of a successful season. One gratifying fact of the season just passed is that not a man, either of the regular team or substitutes, has received a serious injury. We congratulate you, boys, on the good showing that you have made during the past season. We shall lose good men when '92 leaves us, but we trust that the spirit among those of us who shall remain after they have gone will not allow our next year's team to fall below the standard of the Aggie team of 1891.

If the college receives the appropriation which it now hopes for, would not one of the most beneficial uses that could be made of a portion of it, be to place a hard wood floor on the Drill Hall? It seems that this would be wise, because it would be something that would materially affect the comfort, health and pleasure of the students. During drill hour, if any marching is done, there is continually that disagreeable gritty dust from the cement floor, which is not only disagreeable in every sense, but actually injurious to the lungs of those drilling. Besides this, during the winter, the Drill Hall is almost the only place available to the students for exercise and recreation. If tennis or base-ball are practiced, the dust becomes almost unbearable. The question of flooring this building has another bearing. Last Commencement the chapel was used for the Senior promenade. This, without doubt, seemed the only place offered by the college buildings for the purpose. But does it seem right to use this, the chapel, to which we look with reverence for such a purpose? The Senior promenade is an excellent thing for the college, and all right in its place, and the Seniors this year will hold such an entertainment, but let it be held anywhere but in the chapel. With a good floor on the Drill Hall, with the build-

ing lighted by electricity, and tastefully trimmed, what more delightful place could be chosen for this purpose. More than this, by placing chairs in the Hall, it would become the most fitting place for holding the military exercises Tuesday of Commencement week. With a temporary stage at one end; with the hall tastefully trimmed and brightly lighted, what better place could the President wish for in which to hold his reception? The Trustees have been generous with us in the past. We urge them now to carefully consider this question, which bears so materially, not only on the physical comfort and health of the students, but on the welfare of the college as well.

Contributed.

THE STUDENT'S SOLILOQUY.

The foot-ball season now is o'er,
The players all survive,
And I have seen the games, and paid
My tax of "only five."
And though my purse is none too full,
As every body knows,
I count the money wisely spent
That for enjoyment goes.

When in September's sunny days
The candidates appeared,
And practiced daily with a will,
Defeat was never feared;
They all declared that come what may
The team would do its best,
If we would only pay the bills—
Their first and last request.

And so when Trinity came up,
Against our team to score,
We thought of how they beat us once,
A year or two before.
And though K. Hubbard still was there,
Just aching for the fight,
We kept on cheering, undismayed,
For old "maroon and white."

The game was lost, although we tried
Our honor to defend,
They had the "beef" and used it well
And beat us in the end.
And thus the season slowly passed
And still we played for fame,
Sometimes we won a victory,
Sometimes we lost a game.

And when, about two weeks ago,
We tackled Holy Cross,

To win the struggle was our aim,
Nor did we suffer loss.
Our team was in the best of trim,
Already for the fray,
And "Dinny" coached his very best,
But "Aggie" won the day.

The foot-ball season now has passed,
Our team exists no more,
The record of the games it played
Is found in college lore.
The campus lies a frozen waste.
The goal posts stand alone
To tell of victories of yore,
The foot-ball men have gone.

COMMUNICATION.

EDITORS AGGIE LIFE, Amherst, Mass.

Dear Sirs:—Your invitation to the alumni to write for AGGIE LIFE is cleverly put in your issue of Oct. 14. Probably the reason you do not hear more frequently from graduates is that they are full of business. However much the student may have to struggle to get through college, it is more than likely that four years at M. A. C. will be the happiest in his life. The institution is in most respects far superior to what it was when the good class of '82 attended. But many students are apt to confine their attention wholly to the curriculum and give but half hearty support to self-helping institutions, as the natural history societies, or the Washington Irving literary society. The latter affords an opportunity to acquire a training that can be secured in no other way. The student at the M. A. C. should utilize every possible means of developing a spirit of manly self-confidence and leadership. He should be able to appear to advantage in a political meeting, farmers' institute or other convention, and acquit himself creditably either extemporaneously or by written essay. Executive capacity should be developed to the fullest extent among our M. A. C. boys. Leaders with the ability to organize, instill confidence and secure the hearty co-operation of the masses, are wanted in every walk in life, and in none more than in farming. Sound judgment and business experience are especially required of such leaders.

The great want of farmers to-day is co-operation—not only in buying and selling, but in social and intellectual advancement. The grange is doing good

work in this direction, but the time has come for commercial co-operation on a more substantial and permanent basis, through properly organized farmers exchanges and similar corporations. The student who gives particular attention to this and kindred topics of the time, will employ his book knowledge to better advantage and will graduate better qualified for work in any department of life.

Yours very truly,

HERBERT MYRICK.

Springfield, Mass., Oct. 15, 1891.

ANNUAL BANQUET.

The Massachusetts Agricultural College Alumni Club of Boston and vicinity held its annual reunion at Hotel Thorndike, Boston, Nov. 13. About eighty graduates and six members of the faculty were present, besides a number of invited guests. After an hour of genial greeting and social intercourse, the club adjourned to the dining hall and sat down to a bountiful and well served repast.

When this was concluded, Dr. Austin Peters called the assembly to order, and introduced Mr. F. H. Fowler, of the Committee of arrangements, who read letters from those who were unable to attend.

Prof. C. H. Fernald was first introduced as acting President of the College. He said that the institution was making a steady substantial growth. He also spoke of the general harmony in the faculty, and between faculty and students, as contributory to its healthy and steady growth, and concluded his remarks by expressing confidence, and interest in the college paper, believing it to be a power of good in the institution.

Secretary Sessions of the State Board of Agriculture was introduced, and spoke of a long and favorable knowledge of the college and its work; and he was still learning to hold it in higher esteem. He said that the college was graduating manly men, who are taught that they are to win the rewards of life by merit and service, rather than by rank and privilege.

Ex-President Levi Stockbridge was appropriately introduced as the "Father of the College," and was given an especially warm reception, as he arose "to recapitulate a little." After speaking of the anxiety which attended the starting of the col-

lege in '67, he said his idea of the functions of the college was to teach men to think, and make manly men, as Secretary Sessions has intimated. If he wanted knowing men, who could use their knowledge he would go to M. A. C. The College, faculty and students stand higher to-day than ever before. In conclusion he said that the college is just beginning to receive the fruit of its earlier work and he urged the graduates, young and old, to keep a warm place in their hearts for the college, and work for its interest as they have opportunity.

Mr. William H. Bowker spoke for the trustees. He said the trustees are taking active interest in the college, and the college is going on a business enterprise; it contracts no debts and spends nothing but what it has on hand, and if it needs money it can be received from the Legislature without trouble. He spoke of the valuable services of President Goodell, and of his restoration to health. Even now he is at work obtaining material which will greatly increase his usefulness to the college.

Prof. S. T. Maynard said that the course in his department was crowded, and better results will come when the work of teaching is sub-divided. He also hoped some day to see a Massachusetts garden where every tree, shrub and plant indigenous to the state may be illustrated.

Prof. W. P. Brooks spoke of the college farm and the many improvements that were being made. He suggested the necessity of better preparation on the part of the students, for now more care and diligence is required in preparing papers for advanced work.

Prof. G. S. Mills responded to the toast, "English as she is spoke." He emphasized the importance of a thorough knowledge of English to prepare the students toward the work which they are tending. He closed with a hearty tribute to President Goodell's ability, and also to the success with which Prof. Fernald is filling his place during his absence.

Lieut. L. W. Cornish spoke of the pleasure he had enjoyed in his connection with the college. The military work, he said, had a tendency to make the manly men, and as the college grows broader and stronger, instead of military discipline for three hours per week all college time should be under discipline.

Prof. Peabody of the institute of Technology

spoke of the superior rank of our College, and expressed the belief that the superior rank is due to some extent to its entirely distinct organization.

Dr. J. E. Root, of Hartford, a member of the New York Club, complimented the Boston men on the success of their organization.

H. E. Crane, '92, spoke in behalf of the college paper.

The speeches being over, the assembly adjourned to an adjoining room, where the remainder of the evening was spent.

The club is to be congratulated on the success of these annual reunions, for the one this year has been a marked success, and reflects great credit upon those who had it in charge.

BEFORE THE GAME.

If you are going to the foot-ball game,
Between old Harvard and Yale,
Don't split your throat, nor smash your hat,
Because such acts are stale.

But if there is a brilliant run
By the Crimson or the Blue,
Just steal your arm around that girl
That's sitting side of you.

And if she screams and says "Oh my!"
Just take this all in fun,
But say to her with all your heart,
"Oh *did* you see that run!"

A TRIP TO WHATELY GLEN.

On the morning of Nov. 7, a party of thirteen students started from "Aggie" for a "tramp" to Whately Glen. It was a typical November morning, clear and bright, and the air was sharp and invigorating. The Connecticut river was the first obstacle in our path but this was safely passed in a canoe, in spite of a high wind and strong current. Then we made our way through the meadows to West Farms, a pretty little village in Hatfield. From this place the road leads around into Whately. This is a very neat little town, with wide, shady streets, neat buildings and farmhouses, and well-kept lawns and walks. On the roadside, in the centre of the town, is a large quartz boulder weighing several tons. It marks the site of an Indian stockade.

The party reached the Glen about noon and ate their dinner here. The attraction is a pretty stream

which flows for perhaps half a mile through a deep, heavily-shaded gorge. Along its course is a series of rapids and waterfalls. Sometimes this is varied by a deep, clear pool, in which trout abound. The Glen is becoming naturally very celebrated, because of its fine views.

From the gorge, the party climbed the hills to the West. A very fine view of the valley was obtained from this point. Throughout the valley many towns and villages were seen and in the distance Mt. Monadnock, N. H., and Rutland, Mass., were plainly visible.

Late in the afternoon the party set out on the return homeward. This time we went through South Deerfield and crossed the Connecticut on the Sunderland bridge. The party arrived at "Aggie" shortly after six o'clock, all voting the day to have been one of pleasure and profit.

F. A. S.

COMMUNICATION.

Inasmuch as the idea of lighting the dormitories by electricity seems to have vanished entirely from the minds of the authorities, would it not be well to agitate the project once more, recognizing that this which a few years ago might be termed a luxury, is now becoming almost a necessity. That the danger ensuing from the improper use of kerosene oil is increasing from day to day, I think everyone will concede. The wood-work in many a closet is already so thoroughly soaked with this inflammable liquid that, if a lighted match is applied to it, the result can as well be conjectured as supplied. Only a few days since, a large quantity of oil was spilled on the floor of the reading room, and in this place above all others, we know the liability of throwing down matches before they are extinguished. Such a spot once taking fire, it would be almost an impossibility to save the building, even with the aid of the perfect fire department we have. At all events, "an ounce of prevention is worth a pound of cure," and it is certainly not selfish in us to hope that, at no distant day, this necessity will be provided.

STUDENT.

The Faculty of Cornell have passed resolutions in favor of having the University represented at the World's Fair.

A CONFESSION FROM ONE OF THE TEAM.

When first I came to college, as a quiet little youth, I said I'd always study hard, and *thought* I told the truth; But now, since they have taught me the pleasures of foot-ball,

I scarcely have a moment to look at books at all.

In the morning and the evening, and all times between, I train,

And the strengthening of my muscles leaves small time to train my brain;

What's the use of digging out of books all sorts of useless knowledge

If I uphold in foot-ball games the honor of my college?

But when from college foot-ball into life's foot-ball I go, Though I'll try to make some touch-downs and always tackle low;

Yet I'll leave my Alma Mater with "small *conics* and less Greek,"

For I've elected foot-ball for eighteen hours a week.

—*Swathmore Phoenix.*

STORRS' AGRICULTURAL SCHOOL.

The many questions that have been asked in regard to the Conn. Agricultural School, known as the Storrs Agricultural School, have led the writer to present a short description of that institution.

First, as to whether it is a school or a college. Many persons seem to have an idea that this institution is the Agricultural College of Conn. In reply to that statement it may be said decidedly that it is not a college, and has never been known as one. Although it is very possible that it may sometime become a college, as yet it cannot be called such. The real Agricultural College of Conn. consists simply in an agricultural course at the Sheffield Scientific School, at New Haven, the number of students pursuing that course being very limited.

The course of study at the Storrs School is quite similar to the one at the M. A. C.; but since only three years are required for its completion, only a general idea of each study can be given. With but little change, the course of study could be arranged to prepare the students for the Sophomore year at this college.

The school is intended only for the farmers' sons of the state who are not far enough advanced or cannot afford to enter a regular college. Its object is to teach practical and scientific agriculture, and in this, without doubt, it stands far ahead of many agricultural colleges. It is a very desirable course

for one expecting to become a practical farmer, and wishing to spend as little time as possible in preparation.

The school is comparatively new, having been in operation only ten years. It has, however, graduated sixty-four men. The number of students in attendance this year is forty. These students do not have the benefits of military training as do those of most agricultural colleges, nor have they as yet any secret organizations, as some have supposed.

A Literary Society and a Young Men's Christian Association are however in a flourishing condition. Every winter the members of the Literary Society arrange a course of lectures which prove interesting and profitable, the subjects having some relation to agriculture.

One object of interest at this school is an artesian well which has recently been drilled to the depth of eight hundred and fifty feet, supplying over thirty gallons of sulphur water per minute at the temperature of 50° F. It is probable that a windmill will soon be erected for raising this water to the various buildings.

A great deal more might be written concerning this institution, but it is sufficient to say that for a school of its size and kind, it is doing an important work in elevating the standard of the agriculture of the state, and a young man who is desirous of becoming a practical farmer, would do well to take advantage of its course of study.

G. H. M.

BEQUEST.

T. O. H. P. Burnham, of Boston, the well-known book-seller, who died last week left an estate valued at \$1,000,000. Among the public bequests which he made is \$5,000 for the Massachusetts Agricultural College.

PRAYER-MEETING TOPICS.

Dec. 3.—A. J. Morse. God's gifts to us. John iii: 16; James i: 17.

Dec. 6.—H. F. Staples. Be patient. What does the Bible say about patience? Col. i: 1-20.

Dec. 10.—C. F. Walker. Turning away from evil. Ezek. xxxiii: 10-20.

Yale has 1800 students in all her departments.

College Notes.

—The dam is no more.

—Did you see it—eclipse?

—Si Perkins was in town Monday.

—A. R. Streeter, '94, has left College.

—We wish all a pleasant Thanksgiving.

—The Glee Club now has four rehearsals a week.

—Stevens, '95, has been detailed to carry the bass drum.

—Drill the 13th, and inspection the 14th, were omitted.

—Our choir in chapel Sundays has been increased to an octette.

—Our foot-ball team has disbanded after a successful season.

—A. H. Sawyer, '91, spent a part of last week at his *Alma Mater*.

—Nov. 18, South College Freshmen 14; North College Freshmen, 4.

—Prof. Maynard attended the Chrysanthemum show at Boston last week.

—G. B. Willard, '92, umpired the Amherst-Stevens championship game.

—R. A. Cooley, '95, received a rather serious injury at foot-ball last week.

—Botanical specimens are beginning to trouble the mind of the Sophomore.

—Professor Mills was obliged to be absent from college last Sunday and Monday.

—All cadets will be required to wear their uniforms after the Thanksgiving recess.

—Prof. Maynard occupied the President's chair during the sickness of Prof. Fernald.

—Aggie was well represented at the Yale-Harvard game, but many were unable to secure seats.

—The Thanksgiving recess begins to-day and continues until next Tuesday morning at 8-30.

—M. A. C., in large white characters against a maroon background, now appears on the catcher's fence.

—G. B. Willard, '92, will represent AGGIE LIFE at the annual dinner of the New York Alumni Club, Dec. 15.

—Quite a few students attended the social and concert given by the Grange last Friday evening.

—H. B. Emerson, '92, has fully recovered from the injury received recently in a practice game of foot-ball.

—A sample of Freshman correspondence: "Dear Dad: Busted!—Send stuff. Your affectionate son."—*Ex.*

—There was no inspection last Saturday morning in order that the students might take the early train to Springfield.

—The drill for Friday, Nov. 20, was postponed in order that the students might attend the Williams-Amherst game.

—The barbers of the town had a prosperous time last week owing to the disbandment of the Aggie foot-ball team.

—Dr. Walker preached in Hadley Sunday Nov. 15. Prof. Frink of Amherst College officiating at our morning service.

—John R. Perry, '93, was called home last week by the death of his uncle who was the victim of a sad shooting accident.

—A large number of the students availed themselves of the privilege of hearing Bishop Brooks at Grace church Sunday.

—A large number of students attended the Amherst College Lecture, Saturday night. The entertainment was enjoyed by all.

—H. E. Crane, '92, represented this paper at the banquet of the Massachusetts Agricultural College Alumni Club held in Boston.

—What a town this is! Mr. Mason, '95, visits every hardware store in town, but is unable to procure either a stove-pipe wrench or a gas wick.

—The Chemical society is holding some very interesting meetings this term. All students might spend a profitable evening in attending these lectures.

—Have the officers of the Athletic Association done anything with regard to arranging a series of Athletic sports? They proved very popular last winter.

—Professor Fernald was threatened with an attack of typhoid fever last week, but is now much improved. We all hope for his speedy restoration to health.

—A new Hatch Experiment barn is being constructed on the spot formerly occupied by the old one which was burned last spring. It is to be quite a large building.

—Do not think that every Athletic record broken by a member of M. A. C. is a member of our College. We are a totally different organization from the Manhattan Athletic Club.

—Base-ball practice will commence in the Gymnasium at the beginning of the winter term. It is hoped that a large number will practice and make the team what it should be.

—The class of '94, has elected the following editors to their "Index board." Editor-in-chief, A. C. Curtis; business manager, C. P. Lounsbury; Artist, T. F. Keith; T.S. Bacon, J. E. Gifford, H. G. Stockwell, C. F. Walker.

—At the Demorest Prize speaking held in Tremont Temple, last Wednesday evening under the auspices of the W. C. T. U., Miss Amy S. Lane of North Hadley won the grand gold medal. There were eight contestants, from different sections of the state, all of whom had won silver and gold medals in previous contests. This may be of interest to our readers, for Miss Lane is the daughter of Rev. J. W. Lane, of North Hadley, who was instructor in elocution at the college before the appointment of Prof. Mills.

The Washington Irving Literary Society meeting, last Friday evening was attended by between thirty and forty students, who were amply repaid for their time by the presentation of the following program:—Declamation, C. M. Dickinson; debate on the question, Resolved: That market gardening is more profitable than dairy farming. The debaters were, in the affirmative, J. B. Knight, H. F. Staples, C. B. Lane with A. H. Cutter, A. Davis and P. E. Davis in the negative. When the debate was thrown open to the house several persons took part, occupying all the time until the vote was taken on the merits of the question. The weight of argument and merits of the question were both decided in the negative. H. M. Fowler gave an extemporaneous speech, taking for his subject, "The improvements needed at the M.A.C."

The question chosen for debate at the next meeting is, Resolved: That the West offers better ad-

vantages to a young man than the East. The following appointments will hold for Dec. 4th: Affirmatives, H. D. Clark, H. P. Smead, F. C. Tobey; negatives, L. W. Smith, W. E. Sanderson and H. L. Frost; reading, W. C. Brown; declamation, F. L. Green; essay, A. C. Curtis.

THE GEOLOGICAL STRUCTURE OF THE CONNECTICUT VALLEY.

There was a large attendance at the N. H. S. meeting held at Prof. Fernald's home Monday evening, Nov. 15.

After a short business meeting Prof. Fernald addressed the members on the above topic.

The Connecticut Valley was at one time one-half mile deeper than at the present time. The underlying rock is known as "gneiss". At that time this valley was an arm of the sea. It is supposed to have extended from the Pelham hills on the east to the Berkshire hills on the west.

The red sandstone so common in this vicinity was deposited to a greater height than Mt. Toby. Then occurred disturbances or fractures which, although never appearing on the surface caused upheavals of the crust, forming ridges extending in the direction of the fractures. One of these ridges is now known as the Holyoke range and the one situated south of it has been entirely obliterated.

After this upheaval, came the "wearing down" or "planing" action. This section then became an inland lake, the waters of which were held back by a natural dam, the Holyoke range.

All the animals that lived in this valley may be said to have belonged to the Reptilian family.

After the address, photographs and curiosities obtained by Prof. Fernald while abroad were exhibited. Refreshments were then served and after partaking of these and extending a vote of thanks to Prof. Fernald and his wife for the entertainment of the evening, the meeting adjourned.

FOOT-BALL.

AGGIE, 16—HOLY CROSS COLLEGE, 6.

The college eleven closed a most successful season, by a game with Holy Cross College of Worcester. The result was an easy victory for Aggie, although there were several large "obstacles" to overcome.

The game opened with Holy Cross ball, and in the first rush O'Connor, being seriously hurt, was substituted by Colbert. Several fumbles at last gives the ball to Aggie, and Perry passes the left end for 20 yards. Crane and Graham follow with 10 yards each, and Davis sprints for 15 yards, when Lehnert is pushed over for a touchdown. Time, two minutes.

The ball is soon lost on a fumble by Holy Cross, but Aggie has to return it on four downs. J. C. O'Donnell goes through line for 8 yards, but the old fumble again gives Aggie another chance to gain. The opportunity is gladly taken, and Parker by criss-cross runs 35 yards to a touchdown. Score 8-0.

Holy Cross opens with some spirit, but at a loss of 15 yards, gives Aggie the ball. Davis tries to push through center and reaches within one-half yard of goal, and Perry is rushed over. Failure at goal, and the score is 12-0.

Austin is here substituted for Jennings. The collegians gain several times through the line, but a fumble loses them the ball. It changes hands several times, owing to the good tackling of Parker, and Crane steps through their line for 10 yards. Perry circles their ends, to a quarter of a yard from goal, and is soon pushed over the line. Score 16-0.

In opening again, Holy Cross loses 5 yards by a fine tackle of Rogers, and the Aggie rushers soon get the ball. Several small rushes, and a "dandy" by Graham, brings the ball to within four yards of Holy Cross line, but there it sticks. Capt. O'Donnell gains 5 yards, gets 4 downs, and Aggie pushes to within 7 yards of their opponent's line. Time was here called.

Aggie opens the second half with a pretended V, and Willard walks rapidly around the end just 40 yards; after several other small gains, the ball is lost on four downs. Capt. O'Donnell rushes several times with fair gains, and amidst a scrimmage he by artful dodging runs the length of the field and scores a touchdown, and goal. Score 16-6.

The Aggie wedge gains 15 yards, and an offside play gives Holy Cross the ball. They work it slowly toward Aggie territory, and three downs compel them, as an only chance, to punt. The punt resulted in a touchback which, on account of ignorance of the game, they claim a touchdown. Time is given them in which to play, and failing in doing

this the game was given to Aggie.

Capt. O'Donnell was the star of the Holy Cross team, and in fact appeared to be the only man on the eleven that understood the game. Their rush line was greater than that of Aggie in weight, their roughness was noticed, they showed no science, depending upon weight and decisions alone.

Aggie put up a fair game, but inferior to its usual style; all played well, Parker, Perry and Willard especially.

The game was continually delayed by Holy Cross, one of their men being hurt in nearly every rush. The decisions of the referee were marvels to human beings who love to see no partiality shown.

The teams lined up as follows:—

HOLY CROSS.	POSITION.	AGGIE.
Perry,	right end,	Rogers
Jennings, Austin,	right tackle,	Graham
O'Connor, Colbert,	right guard,	Boardman
O'Neill,	center,	Bardin
Burns,	left guard,	Crane
G. P. O'Donnelly,	left tackle,	Lehnert
Gleason,	left end,	Parker
McKone,	quarter-back,	Willard (capt.)
Cottrell,	right half-back,	Perry
J. C. O'Donnell (capt.)	left half-back,	Clark
J. C. O'Donnell,	full-back,	Davis
Umpire, McCanley,	H. C. Referee, Howard,	M. A. C.

NOTES AND EXCHANGES.

The fleet of the Stevens Yatch club numbers twenty-five boats.

The Republican students at Brown have a Republican club.

Tufts, like many other New England colleges, will appear this year for the first time in cap and gown.

It is stated that eighty per cent. of college editors go into journalism after graduation.

Colorado College has just received a gift of \$50,000 to be used as a library fund.

The total receipts of the Yale athletic association has been for the past year about \$300.

Yale is about to establish two new college papers, the Yale *Law Journal* and the Yale *Alumni Weekly*.

The new gymnasium at Yale costing \$200,000 will be the finest building of the kind in the United States.

The oldest college in America is the college of the City of Mexico, being founded half a century before Harvard.

The Faculty at Brown University intends to change the academic year to two terms, instead of three as at present.

Ex-President White of Cornell is to be resident lecturer of the Stanford University during three months of the winter.

The average weight of the Princeton foot-ball team is 170 lbs. The lightest man weighs 153 lbs., and the heaviest 209 lbs.

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The average weight of the Yale foot-ball team is 172 lbs.

Trinity College has just purchased a valuable facsimile of the newly discovered papyrus of Aristotle's Constitution of Athens.

Princeton will name her new athletic field, Brokaw, in memory of the Princeton athlete who lost his life last summer.

By the will of the late T. O. H. P. Burnham the Mass. Institute of Technology will receive \$2,000 and Tufts College \$10,000.

Two-thirds of the applicants for admission to West Point and Annapolis are rejected because of the habit of cigarette smoking.

Plaus have been accepted by the trustees of the New Hampshire Agricultural College for the new state college buildings at Durham.

Oxford University desires to send an eight-oared crew to the World's Fair, provided American colleges will also be there to compete.

The President of Rutgers College is planning to have the Faculty and students enter enthusiastically into the work of university extension.

An alumnus of Williams college has offered a foot-ball cup to that member of the college team who shall play best in the championship games.

The students at Wellesley are to have instruction in running, boating and cycling. Four boat crews are to be selected from the Freshmen and put into training.

It is stated that the Stanford University in California is the recipient from the Czar of Russia of a splendid collection of rare minerals valued at \$35,000.

The alumni at Rutgers are endeavoring to raise \$500,000 which is to be used for placing the classical department of that college on an equal with the scientific.

Princeton has received a gift of \$1000, the use of which is for securing notable men, especially from foreign countries, to lecture before the Princeton students.

The general examinations for Chicago University will be held next June, at which time it is expected that enough buildings will be completed to accommodate six hundred students.



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The students of Heidelberg University have been forbidden to attend the theatre or concerts, the reason being that the students make so great a disturbance when in public halls.

The foot-ball season for Dartmouth closed Friday with the "Tech" game. The result for the season for Dartmouth has been rather below the standard and well shows that without constant practice games a team has little chance for good work.

Because of an editorial in the *Prelude*, the college paper of Wellesley, criticising an action of the academic council, the editors of that paper have been directed to publish nothing but that which has been examined by the President of the college.

A regatta on the Hudson will be held next year by Cornell, Columbia and the University of Pennsylvania. Bowdoin has also been invited to compete. A student eligible to row in the association regattas between these colleges must have been a student for at least six months, devoting ten or more hours each week to recitations.

NOTICES.

Mails leave the college for the post-office at 1 P. M. and 7 P. M. on week days. On Sundays it leaves at 4-45 P. M. At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M.

Springfield, New York, Washington, Southern and Western states, 7-45, 10-45, A. M. 4.00, 6-45, 8-30 P. M.

Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10-45, A. M. 4-00, 6-45 P. M.

Fitchburg, North Adams and the North, 8-30, 10-45 A. M. 4-00, 6-45 P. M.

Northampton and Holyoke, 10 45 A. M. 6 45, 8-30 P. M. Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

Dr. Fernald will be at the president's office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 2-45 to 3-45 every afternoon except Saturdays and Sundays.

The college library will be open from 3 to 4 P. M. on Tuesdays, Thursday and Fridays; 2 to 4 P. M. on Wednesdays; 8 to 12 A. M. and 1 to 4 P. M on Saturdays. Also every evening from 6-30 to 8 o'clock excepting Sundays.

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AGGIE LIFE.

VOL. II.

AMHERST, MASS., DECEMBER 9, 1891.

No. 7

AGGIE LIFE.

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Editorials.

It was certainly very gratifying, although contrary to the usual custom, to see at the close of the Thanksgiving recess, a full attendance at chapel. Every man, almost without exception, deemed it prudent to be prompt in resuming his studies as is justly expected of him. Let this same be true of future years, and the fulfilment of the threat that we shall hereafter have no such recess, will be rendered less probable.

WHILE there are many of us attending regularly the Amherst College lecture course this season, the number is not as large as it should be, when the amount of benefit obtainable from such a course is taken into consideration. The concerts given are of the highest order, and nothing can be of more value to one in the cultivation of a taste for fine music, than the training afforded by listening to such artists as appear frequently through the winter. Then the lectures, humorous or otherwise, are well

worth hearing and always command the closest attention from the audience. There are some, undoubtedly, who think they have not the means to procure season tickets, but many a man in straightened circumstances is heard to remark that he neglected to attend one year and he cannot afford it again. In reality, every one of us should be more eager to grasp any such means of culture as that offered by the Amherst College lecture course.

THANKSGIVING has past, and the student, returning from a few days reprieve at home and among friends, has joyfully reassumed his accustomed duties, with a confused recollection of a good dinner still lurking in his mind. The remaining days of the term seem to be marked by an unusual spirit of study and attention to duty, by one and all. The foot-ball season is past, and the contemplated pond is still in a process of evolution. The absence of athletic sports seems to throw an unwonted stillness throughout the college grounds. The Chapel bell still sends out its summons with its accustomed degree of cheerfulness, but the student goes mechanically from one recitation to another, looking neither to the right nor to the left; his whole mind is concentrated on the rapid assimilation of knowledge. Although he may turn aside many obstacles which rise up before him, examinations are unavoidable. Never before has science in all its branches received such undivided attention as during these busy days. Even the Editor, who often prides himself in acting independently of others, cannot wholly refrain from partaking in the spirit of the occasion, and although the night is already far spent, he does not hesitate to lay aside the pen and shears and spend a few moments in silent contemplation of the Science of the Human Intellect. The LIFE appreciates the existing state of affairs and withdraws itself wishing everyone a Merry Christmas and a Happy New Year.

"Music hath charms to soothe the savage breast." A college is regarded by many outsiders as a place of frolic and pranks, and in such life music always plays an important part, hence the popularity of college glee clubs. That the general impression with regard to students going to college to pass away their time in jollity, is false, no one who has attended one of our higher institutions and honestly deserved to receive his diploma, will deny; but the truth of the other impression, that with regard to music and song, is founded on fact. What better way can the student find after his day's recitations and tasks are over, to rest himself and prepare himself for the studies of the evening, than to gather with his college mates at some frequented spot and sing the songs which are known all over the country as "College songs?" There is a prevailing impression even among the college men themselves, that the singing of the college must be done by the glee club and choir. If you feel that way, rid yourselves of the feeling as soon as possible. You all have voices, and it was not intended that you should use them for speaking alone, but for singing also. So let us not confine the singing of the college to eight men, but all get together and do our best to make music. Other colleges have their characteristic songs; we have none. Is there not poetic and musical ability enough among us to supply this long-felt want? Give us the songs and do not be afraid but that when once we have them, they will become a substantial part of our associations.

It has been quite evident, to those who make use of the library, that since President Goodell has been away we have lost one of the chief constituents of a good library, that of a good librarian, who knows the best books on every subject, and their contents. It is highly important to a student that there be some one to direct his search in a large library, for without aid it is quite likely that he may spend hours in the library and then not find what he wants. We hope for President Goodell's return to us next term, but with the condition of his health can we afford to ask him to spend his time and strength in the library? At all events, he will not be able to be in attendance evenings, and that is the time when most books are drawn. There has been a marked

decrease in the drawing of books since the absence of President Goodell, owing to the inability of the students to find what they want. Then why cannot we have an experienced librarian who can devote his time entirely to the interests of the patrons of the library? It is coming to be a more and more recognized fact that a good librarian is a positive necessity in a good library. Librarians are expected to be walking encyclopedias. They must know not only the best magazine articles, and scientific works in general, but they must have an acquaintance with every science in all its branches, and with art and the history of every nation. They must be able to refer to articles in the magazines of the last three or four years, giving author, title and summary of contents. More than this, by kindly advice and sympathy, the librarian can help and show what is best and wisest to read, and in this way exert a great influence over the students who come to him. If the value of competent librarians was not realized, would there exist a special training school for librarians? It is a fact that such a school does exist at Albany, N. Y. Our college has a good library, but as conducted at present it is very far from being of the value to the students that it would be if attended to by a competent and conscientious librarian. It seems as though there is no way in which the students could be more benefited than by having a librarian.

THE ORATOR.

Now again the bashful schoolboy
Stands upon the platform there,
And his voice, in trembling accents,
Breaks upon the soft, still air.

Now with gentle, swaying motion
Like the grain in summer wind,
Moves he backward and now forward,
Trying hard his thoughts to find.

Now his face is sad and mournful,
And his hands clutched in despair,
And his poor knees shake and tremble,
As he stands declaiming there.

And with motion like a derrick
Points he toward the setting sun,
And his hand doth sway and tremble—
But, thank Heaven! his work is done.

ONE WHO HAS BEEN THERE.

Ex.

Contributed.

CHILIAN REVOLUTION.

At various times in our chemical course, we have heard allusions to the nitrate beds of Chili. They have great agricultural importance, but in considering their relation to the recent political disturbances in that country, a new and somewhat different interest is aroused. It was in order to control these mines of saltpetre, that General Balmaceda began to violate the constitution, and finally plunged the country into civil war.

A brief outline of Chilian history may help us to understand the situation.

The country was explored by a party sent out by Pizarro, just after his conquest of Peru; but for one hundred and fifty years the Spaniards could not completely subdue the country. The inhabitants were desperately brave and reckless of life, which characteristics have descended to the present generation of Chilians. They were finally conquered and became a Spanish province, but in the second decade of the present century, under the leadership of General O'Higgins, they achieved their independence.

In 1833 they adopted a constitution, by which the government was vested in a President, elected for five years and ineligible for a second term until after a lapse of five years. He was assisted by a council of state, a cabinet of five members, and two legislative chambers.

Chili has been unusually free from those political upheavals that are so characteristic of South American States, and was counted one of the most progressive of the Republics.

In 1885, Gen. Balmaceda was elected President. Up to this time he had been, so far as is known, an honest man, and now he had received the highest honor his country could give him. But he lacked the wealth that he desired. After holding office for two years, he cast about to discover a means of acquiring sudden wealth.

His mind seized upon the idea of forming a syndicate, in which he should have a controlling interest, to buy the nitrate beds of Tarapaco. These were owned by the Government and to buy them, it was necessary to have his successor in office, and

the other branches of the government, favorable to his designs. Accordingly he commenced intriguing to appoint his successor. He used the vast patronage of the government to secure the election of a legislature favorable to his ends.

Honest officials were turned off to make way for those who would vote for his ticket, and he endeavored to divide the Liberal party so as to increase his chance of success. His schemes were, however, discovered, and the popular feeling was so strong that the men of all parties united to pass an electoral bill, introducing a system much resembling the Australian ballot system. This was designed as a check upon his ambitious designs.

Early in the year 1890, Balmaceda violated the constitution by dismissing his Cabinet and filling their places with his own followers.

The Chilian Cabinet is formed on the same basis as is the English, the members having seats in the legislative body also and depending on the support of that body for their continuance in office.

When the Congress met, a vote of censure upon the Cabinet was passed, and, as they did not resign, Congress refused to vote for the collection of taxes until a ministry of honest men was formed.

Finding public opinion too strong for him, Balmaceda asked one of the judges of the Supreme Court to form a ministry. Having gained their point, Congress passed the necessary bills, and everything seemed tranquil again. But appearances were deceitful. Two months later the Cabinet was forced to resign, Congress was dissolved and another Cabinet, composed of the President's personal adherents, was appointed. This, of course, excited great indignation and Balmaceda was urged on all sides to respect the constitution and his oath of office. But remonstrances were unavailing. He stubbornly kept on in his course unmindful of his own honor or his country's liberty. He removed those officers in the army who would not pledge themselves to support him, and filled their places with those on whom he could rely.

In January of this year he proclaimed himself dictator, closed the courts, suppressed the newspapers, imprisoned Senators and Deputies, and proclaimed martial law throughout the land. In consequence of these acts, the President was deposed by Congress, and Captain Montt, of the navy, was

empowered to assume command in order to re-establish the supremacy of the laws.

The vice-president of the Senate and the President of the Chamber of Deputies, with Captain Montt, formed a junta to carry out the government provisionally. The navy sided with the Congressional party; the army was under the Dictator's control.

The navy soon captured some of the coast-towns and the inhabitants eagerly enrolled themselves for the defence of the constitution. The war was waged with varying success until the Congressionalists captured Valparaiso, in August, and on Sept. 4th Santiago was surrendered to them. Balmaceda fled from the country and shortly afterwards committed suicide.

After the surrender of Santiago, a provisional government with Jorge Montt at its head was unanimously accepted by the people, and, at an election held later, with universal suffrage as its basis, he was elected President of the republic, the internal tranquility of Chili being assumed for the present.

Her relations with the United States are a little strained, at present, owing to unfortunate complications arising during the struggle. But these difficulties will, no doubt, be amicably settled, and the Republic of Chili will continue to grow in wealth and intelligence, proving its right to be called the "England of South America."

F. L. G.

PREPARATORY SCHOOLS.

While a great many colleges have their special preparatory schools, the M. A. C. has no such institution. Most graduates of academies and high schools are able to enter the classical colleges, and in many cases, such preparation is necessary for admission. The M. A. C., although having a high standard of studies compared with that of many other colleges, does not require such preparatory work. One reason for this is that there are few scientific courses in preparatory schools, which will answer the purpose. A year or so in a classical course does little towards helping the student to enter a higher class in a scientific college. Storrs' Agricultural School, of Connecticut, might be considered a preparatory school to an Agricultural College, but it is more strictly Agricultural than our own college, as is shown from the description in our

last issue. Our aim is to prepare educated and scientific farmers, but we also graduate scientific and professional men of all branches.

It seems as if there ought to be more preparatory schools in which there is a scientific course, in order to prepare students for further scientific study. Wesleyan Academy is one of the few schools which includes a purely scientific course among its branches of study. This course includes Laboratory work in Physics, Zoölogy and Chemistry, and a study of the other sciences to a limited extent. A diploma from this course will admit students to this college without examination, and with the exception of Agriculture, and, perhaps some branches of Chemistry, it will fit him for the Sophomore year. College athletics have much to do with the advertising of the institution, and if directed towards the preparatory school will prove of great advantage to the college. A late president of one of the New York colleges made the statement that the base-ball team did more to advertise the college than any \$500 that he ever invested for that purpose.

There are students here who owe their being here to the Aggie-Wesleyan games of past years. Knowing first of the ball-team they next learned of the college, and finding it would give them the course of training desired at a very favorable figure, they were led to enter and are fully satisfied with their choice. This, then, gives us a proof of the advantages of college athletics associated with preparatory schools. When Aggie becomes better known among the preparatory schools, we can then hope for even greater success.

S. F. H.

HOW EMERY IS MINED.

A visit to the emery mines of Chester, Mass. had been looked upon by two M. A. C. students as promising much that would be both interesting and profitable. Accordingly when the opportunity presented itself in the Thanksgiving recess, it was eagerly accepted.

The mines are situated on the east side of a mountain, the mill being at the base, and connected with the lower mine by means of a small railroad or tramway. Hand-cars running upon this tramway supply the miners with tools and other necessities, and carry out the emery and waste material.

Entering the mountain for about a hundred and fifty yards is a winding tunnel cut out of solid rock; this rock is partly composed of granite and a soft mineral resembling asbestos. Emery is observed in combination with these rocks. At the further end of the tunnel the miners were found engaged in their work of drilling and blasting the emery from a vein four or five feet wide, enclosed between nearly perpendicular strata of the rocks. The cavity blasted out extends upward for a hundred feet.

Half way up the mountain is a second tunnel very nearly the length of the first. Here the operations are directed in and downward in quest of emery, the object being to connect the upper with the lower mine. Of course the emery obtained from the upper mine can not be transported down the steep mountain grade in cars. It is accomplished in favorable seasons with sleds.

The emery mill is a long wooden structure with one wing and connected with several sheds. All machinery is run by steam power. Here the material is broken up into small fragments, and crushed between two solid chilled iron rollers. The next operation is that of washing. On the ground floor of the mill, the powdered emery is deposited in shallow tubs into which water continually runs. Two wheels at equal distance apart set the water in forward motion and this action of the water washes out all impurities from the emery, through two orifices at the top where the water is carried off. The emery is considered thoroughly washed at the end of a half-day, when it is taken out, dried on steam pipes, carried to the second floor, and deposited in hoppers which slowly feed it into large sieves. The sieves have an alternate backward and forward movement which with different gradations in fineness, enables them to separate three sizes of fine emery. This is put up in kegs of from one hundred to three hundred and fifty pounds weight, and sent to the manufacturer.

Corundum is a mineral closely allied to emery, but differs in that it is crystallized, and is somewhat harder. There are two extensive mines of this mineral in the South owned by the same company that owns the Massachusetts mines. One of these is in Georgia and the other in North Carolina. Their products are sent in sacks to Northern mills for purification. The uses to which corundum and

emery are put are numerous, principally in grinding and cutting glass and marble, and in the manufacture of hones, emery wheels, and emery paper, for grinding and polishing purposes. Corundum is capable of polishing every known gem, the diamond excepted, and is considerably used in the arts.

E. D. W.

UNITED STATES WEATHER BUREAU.

The meteorological division of the government's scientific work was established by act of Congress, Feb. 9, 1890. The new organization was intrusted to the Chief Signal Officer of the Army with a school for instruction of officers and men at Fort Myer, formerly Fort Whipple, Va. This was the first legislation of the government inaugurating a national weather service. The problem laid before the new organization was the American weather, the pre-announcement of storms along the northern lakes and coast, the issuing of frost and flood warnings and other information of value to commerce and agriculture. From time to time the work was extended, the country divided into districts and nearly every American industry has received its attention directly or indirectly. The cotton planters of the south naturally formed one district, the wheat growers of the west and northwest another, while the tobacco growers of New England and the cranberry raisers of old Cape Cod came in for their share of the government's dispensation. The weather service may be compared to a spider's web, the many delicate fibres representing the connection of one station with another and all leading to a common centre.

At the Chief Office in Washington, Professor Harrington, late of the University of Michigan at Ann Arbor, directs the working of the Bureau. He is assisted by a number of officers of the Army and scientific men trained in the service and stationed at Washington and the more important cities throughout the country. Prof. Harrington relieved Gen. Greely, late commander of the arctic expedition to Lady Franklin Bay, who remains at the head of the Signal Corps of the Army. The one hundred and fifty stations now in operation are located in the larger cities and towns and extend from the Atlantic to the Pacific, from the Gulf to our northern boundary and by co-operating with the Canadian

service the field is extended into the far northwest, while cable dispatches received from the Bermudas. The vertical range extends from the sea level to the summit of Pike's Peak, over 14,000 feet elevation, and Mt. Washington over 6000. The stations report twice daily to Washington, at eight in the morning and evening, in which the barometric pressure and temperature are noted, the relative humidity of the atmosphere, the temperature of the dew-point, condition of the weather, precipitation for twelve or twenty-four hours, the velocity and direction of the wind; in fact everything of value to weather prediction. The reports are nearly all received at the chief office within an hour of observation time and the work of the indications division begins.

The condition of the weather is accurately charted, the estimate of the storms progress, together with the expected rise or fall in temperature telegraphed to all points east of the Rockies. The Pacific slope, owing to physical characteristics and importance, is entrusted to an officer stationed at San Francisco, and receives his entire attention. When, however, the newspaper through the agency of the Associated Press announces the indications for the next twenty-four hours, many will say it is all guess-work. On the contrary they are the best deductions scientific men can make with their present knowledge of the laws that govern storms. Whenever they fail it is due to an imperfect knowledge of the atmospheric condition throughout a certain region with few stations or to some peculiarity of the American storm not yet explained by science. A leading newspaper came out with an editorial saying the indications for that section "had not been correct for a week." Investigation by those whose business is verification, showed that eighty-four per cent. of the indications for that period and sections were correct. The head of the Bureau is constantly receiving notes from far off neighborhoods and rural districts assuring him that the weather of this continent can be kept in hand a great deal better if the habits of ants and spiders are carefully noted, and many would have colonies of these little insects a part of the Bureau's equipment. As to proverbs for weather indicators they possess certain value. A good many are based on observed facts of nature, as the influence of humid-

ity on vegetation, animals, and rheumatic people. Any one familiar with the latter will readily agree. Any indications for more than forty-eight hours must be more guess work than scientific deduction.

An important feature of the Bureau's work is the preparation of the daily weather map, setting forth in a graphic way the atmospheric conditions over our entire area. The government has some thirty or forty of these printing stations and the maps issued are given the widest possible circulation. The map is a mere outline of the country on which the storm areas are traced, portions where fair weather prevails noted and the isothermal lines plainly traced to show the range of temperature. The Boards of Trade and Produce Exchanges in our large cities co-operate with the Bureau, which is of great benefit to the broker and commission merchant as well as the general public. In the display of signals, both cautionary and storm, together with cold wave warnings the government has instituted a line of work that commends itself to the public. Many of the display stations are connected with the Life Saving Service and have rendered important aid to that branch of government work where the saving of human life and marine property is the object. Factories and foundries are now able by a code of signals to announce the day's forecast by steam gong or whistle. The sea coast telegraph lines are another important division of the Bureau. The display stations are so arranged that the flag and danger warnings are visible, not only to coast vessels but those from the southern ports. Cubans on their way to New York can inquire by use of the international code of signals if a hurricane is impending, and if they have time to reach Sandy Hook or must take refuge behind Delaware Breakwater. If the vessel is from the north, as Boston, she can inquire on reaching the Capes of Delaware if she can make Cape Hatteras before the storm is likely to strike her. She can receive information from Washington by telegraph with little delay in her course. In the event of war with a complete sea-coast line, no part of our exposed coast could be threatened without news being flashed to Washington, and the defensive power of the government exercised. At present the line extends southward from Sandy Hook to the mouth of the Cape Fear river. The military telegraph system is more extensive than the

coast lines. Twenty-eight hundred miles of wire connect our military posts on the frontier and is a most important factor in the suppression of Indian raids and warlike movements. If the Indian leaves his reservation, it is almost impossible to pass between the posts unobserved in the region traversed by electric wires. If he breaks the circuit it is only to betray himself and bring pursuit and severe punishment by troops. Some one has said "as an engine of civilization the frontier telegraph rivals the railway, enabling the government to throw an aegis of protection over the rapidly expanding wave of western emigration and facilitating the sale and settlement of public lands as well as their material development." In comparison with other national services, our own stands at the top as to organized scientific work. England and France perhaps come next with the European weather problem to solve, which has many points in common with our own. The past has been progressive, the present characterized by systematic work, yet there are still factors in the American weather problem of the future to solve.

W. A. KELLOGG, '89.

AMERICA THROUGH FRENCH SPECTACLES.

In spite of the severe storm of Friday evening, a fair sized audience heard Max O'Rell (Paul Blouët) at College Hall. In appearance and manner of address, he is a typical Frenchman, but it is questionable if such exceeding freedom as he allowed himself on the platform, was in the best taste.

He described "the typical American by small stages" in his various aspects, as a newspaper reporter, a far westerner, a cowboy, and a true gentleman. Many of his remarks were of a very sarcastic nature but his audience could not help but see their truth. He paid a high tribute to the American woman and the treatment she receives at the hands of American men. "Frenchmen admire women, Americans respect them."

In closing he adopted a more serious view and spoke of the greatness of our country, and the true manhood of our citizens.

The total membership in Greek letter fraternities in American colleges is estimated at 75,000.—*Ex.*

THE STUDENT'S HELP.

Many members of the College Young Men's Christian Association often find it difficult to speak at the prayer meetings, giving as an excuse that they can find nothing to say on the subject of the evening. To meet such an excuse I suggest a plan by which any student who so desires, may easily find "something to say."

We should not overlook the fact that a few thoughts, expressed in simple language rather than an even flow of meaningless words, constitute an eloquent appeal to good judgment. It does not matter so much how one speaks, so long as he manages in some way to convey his thoughts to those to whom he is speaking. To speak well on any subject a person must have ideas to speak about. Without ideas, a speaker although he may use the best of language, makes no impression upon his audience.

Where to get ideas is a question which troubles a great many students who have a desire to take part in the meetings. Before expecting to talk at your best on any subject you should read what other men have written on that subject. Think this over carefully, and after having sifted the mass you will have remaining a bountiful supply of well determined ideas, worthy to be offered to other people.

In Christianity as in science a wise man obtains material for thought from the most renowned thinkers that have ever written upon the subject. Such material is always to be found in the Bible. The authors of this book were, we believe, inspired of God, so here, we may say, is the authority of God himself. Such being the case, it behooves the person who is to attend a meeting where he may have an opportunity to speak upon an ethical or Christian topic, to read such passages of Scripture as may treat upon the same or parallel lines of thought. Let him carefully consider that which he has read, and in the end he cannot fail to not only have acquired new ideas, but to have a desire to impart what he has learned to others. The marginal references and in many cases a concordance will be of material assistance in consulting the Bible. By employing these methods I trust that you will never be at a loss for something to say in the prayer meetings.

J. S. W.

College Notes.

- Keep off the grass.
- Examinations will soon be upon us.
- Pres. Goodell will return about Jan. 1.
- Woodbury, '95, says that eggs are falling.
- The College closes Friday, Dec. 18, at 10.30.
- The Base Ball diamond is in wretched condition.
- A. G. Eames, '91, surveying in Brockton, Mass.
- The bridge has been replaced over the Botanic path.
- There was dress parade on the Campus last week.
- T. F. Keith, '94, has been detailed to carry the bass drum.
- F. W. Park, '94, was confined to his room last week by illness.
- Nov. 31, the water pipes were frozen by the sudden cold snap.
- The museum is now open from half past two until half past three.
- W. C. Paige, '91, played half back on his class team at Cornell this fall.
- The customary recitations were held the Saturday after Thanksgiving.
- There was no inspection last Saturday morning owing to the recitations.
- The Juniors are having examinations in Mechanics, three times a week.
- The new tactics will be introduced at the beginning of the winter term.
- Pratt, '93, has been elected Captain of the Amherst College foot-ball eleven.
- Prof. Fernald has recovered from his recent illness, and is once more with us.
- There is an interesting article in the *New England Magazine* by C. S. Plumb, '82.
- Brown, '95, and Dickinson, '95, have been appointed as markers for the battalion.
- Look out for your unexcused absences. The time is approaching for the extra drill.
- The last appearance of the band on dress parade was an improvement over that of a few weeks ago.

—Many students were detained from Max O'Rell's lecture, by the hard storm of Friday evening.

—The Seniors have been taking an examination the past week in Osteology, under Prof. Paige.

—We hope that we may be pardoned if we mention the fact that the dam is going to be rebuilt.

—A final examination was held last Friday for those who failed to pass at the middle of the term.

—The students are to be congratulated for their promptness in returning after the Thanksgiving recess.

—Professors Wellington, Fernald and Goessmann attended the Agricultural meeting held last week in Boston.

—W. A. Brown, '91, has accepted a position as draughtsman in the office of the Lehigh Valley Railroad.

—Hereafter, all cadets must furnish an excuse for absence from drill within one week from time of absence.

—The Amherst *Student* of last week, contains an excellent portrait of Captain Lewis of the foot-ball eleven.

—The Hatch Experiment Station barn is rapidly approaching completion. It is somewhat larger than the former.

—Wesleyan Academy players feel quite confident of beating us in base-ball next spring, as our team is so badly crippled (?)

—We publish in another column some of the foot-ball scores of previous years thinking they may interest some of our readers.

—Prof. C. H. Fernald spoke at the Agricultural meeting in Boston last week on the best methods of treating the Crauberry insects.

—The windows of the drill hall will be screened during vacation, and an arrangement for sliding bases will probably be constructed.

—Among our latest exchanges are the *Quill*, of the State University of Ohio and the *Bates Student*. They are both creditable college publications.

—An interesting game of Foot-Ball was played here Thanksgiving morning between the Y.P.S.C.E. of Amherst and Y. P. S. C. E. of North Amherst. The elevens were composed largely of college players, and it was a well contested game. Neither side

scored during the first half but in the second half the latter eleven secured ten points.

—Wood cuts of Profs. Fernald and Goessmann of the College and some members of the board of trustees, appeared in last week's issue of the *New England Farmer*.

FOOT-BALL.

Our readers may be interested in some of the foot-ball scores of the "Aggie" teams in past years, showing their victories and their defeats. The following is gleaned from back numbers of the *Index*.

Nov. 22, '79.	Aggie vs. Amherst '83, won by Aggie.	
Oct. 15, '81.	" " Williston, " " "	
" 22, " "	" " Amherst,	score a tie.
" 31, " "	" " Wesleyans,	14 to 0.
Oct. 11, '84.	" " Wilbraham,	8 " 0.
" 18, " "	" " Williston, won by Williston.	
" 29, " "	" " Amherst,	0 to 13.
Oct. 3, '85	" " " "	4 " 0.
" 5, " "	" " " "	0 " 0.
" 7, " "	" " " "	12 " 0.
" 24, " "	" " Wesleyan Univ., won by Wesleyan.	
Oct. 31, '85.	" " Williston,	42 to 12.
Nov. 4, " "	" " Amherst,	0 " 8.
Oct. 13, '86.	" " " "	5 " 15.
" 20, " "	" " Williston,	7 " 6.
Nov. 8, " "	" " Tufts,	6 " 5.
Oct. 8, '87.	" " Williston,	17 " 0.
" 15, " "	" " Trinity,	4 " 32.
" 25, " "	" " Amherst,	0 " 10.
" 26, " "	" " Williston,	26 " 0.
Nov. 5, " "	" " Worcester Tech.,	0 to 10.
Oct. 6, '88.	" " Trinity,	0 " 28.
" 13, " "	" " Williston,	27 " 0.
" 20, " "	" " Yale Freshmen,	0 " 25.
Nov. 7, " "	" " Williston,	18 " 9.
Nov. 2, '89.	" " " "	12 " 8.
" 16, " "	" " " "	18 " 6.
Sept. 27, '90.	" " Trinity,	0 " 30.
Oct. 18, " "	" " Springfield,	10 " 14.
" 24, " "	" " U. V. M.,	12 " 16.
Nov. 1, " "	" " Springfield,	18 " 12.

PRAYER-MEETING TOPICS.

- Dec. 13—How can we help the troubled. Rom. 15 : 1-3 ; Gal. 6 : 1-5. C. B. Lane.
- Dec. 17—Saying and doing. I John 1 : 6. F. S. Cooley.
- Jan. 7—How can I make the most out of my college course. Luke 17 : 10. G. E. Smith.
- Jan. 10—The victories of prayer. II Kings 18 : 29 35. E. A. White.

Michigan University claims the honor of having a larger number of her graduates in Congress than any other educational institution in the country. Seventeen graduates of this University are in Congress. Harvard is represented by sixteen of her alumni.

A. X. PETT.

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AMHERST, MASS.

COMMUNICATION.

A little over a year ago an answer came to the many requests made by students for better bathing facilities. Then we had two bath-tubs and a hot water tank that would partially supply what hot water was needed. Now with the addition of two more bathing-tubs and two shower baths, does it not seem as if there should be some improvements made in the arrangements for heating water? The present tank has a capacity of about ninety gallons, which amount is easily used by twenty students, while those remaining are compelled to try cold water if their constitution will allow it. Now we have the places for bathing is it not necessary that there be an additional allowance of hot water for use during the coming winter?

STUDENT.

NOTICE.

Base-ball practice will begin promptly at the opening of the winter term in the Gymnasium, beginning with hand ball and other exercises, followed later by batting and sliding bases, etc.

It is desirable that all who are interested in base-ball, take advantage of this opportunity to practice, and make the team of 1892 what it should be. All candidates will please write their names on a slip of paper, and the position that they wish to practice for, and hand in to the Captain before the close of the term. Those complying with this request will be furnished with a suit.

OTHER COLLEGES.

The Princeton glee club will make a tour of the South during the coming season.

Stanford University opens electives to the students throughout the entire course.

A. A. Stagg, the renowned athlete, has been offered the position of Professor of Physical Culture at Yale. This professorship has never before been established at Yale, although Dr. Leaner is instructor in Physical Culture at the University. The time has come however when Yale feels the need of a regular professorship in this branch. Mr. Stagg has previous to this accepted a like position to that offered him at Yale in the new Chicago University. It is probable, however, that he will obtain a release from that engagement and accept the position at Yale.



Business is business. FRANK WOOD will get up Spreads for the Boys this winter. Send your orders right along to get there first.
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JOSEPH PARISEAU, HAIR DRESSER.

RAZORS HONED.

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" " Wednesday delivered Saturday.

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AMHERST, - MASS.

The two lower classes at Columbia have agreed that hereafter there shall be an annual rush between the Freshman and Sophomore classes. This rush is to take place off the college grounds and the winning class shall have the privilege of wearing high hats, carrying canes, etc., without molestation from the defeated class.

The proposed memorial at Princeton in honor of Frederick Brokaw, which was to have taken the form of athletic and recreation grounds, will be much more extensive than was at first contemplated. The father of Brokaw has signified his intention of giving \$25,000 to the proposed tribute to his son. This will give to Princeton one of the finest recreation grounds in the country. It is proposed to use the grounds near the college campus for the purpose. Upon these grounds there will be four baseball or foot-ball fields, a number of tennis courts, besides a large and well equipped bath-house. The work will be pushed on rapidly, as it is hoped that a part of the field will be ready for use next spring.

NOTICES.

Mails leave the college for the post-office at 1 P. M. and 7 P. M. on week days. On Sundays it leaves at 4-45 P. M.

At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M.

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Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10-45, A. M. 4-00, 6-45 P. M.

Fitchburg, North Adams and the North, 8-30, 10-45 A. M. 4-00, 6-45 P. M.

Northampton and Holyoke, 10-45 A. M. 6-45, 8-30 P. M. Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

Dr. Fernald will be at the president's office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 2-45 to 3-45 every afternoon except Saturdays and Sundays.

The college library will be open from 3 to 4 P. M. on Tuesdays, Thursday and Fridays; 2 to 4 P. M. on Wednesdays; 8 to 12 A. M. and 1 to 4 P. M. on Saturdays. Also every evening from 6-30 to 8 o'clock excepting Sundays.

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Amherst, Mass.

C. H. Fernald

AGGIE LIFE



J. STURGIS. BOSTON.

VOL. II.

AMHERST, MASS., JANUARY 13, 1892.

NO. 8.

Carpenter & Morehouse,

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AGGIE LIFE.

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No. 8

AGGIE LIFE.

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Editorials.

It is with feelings not easy to describe that we call attention to the fact that despicable mischief-making still lurks in the minds of some at this institution. Why is it that persons delight in injuring property; that some people can never be satisfied unless they are taking away the privileges of others and be a constant vexation to their fellows? A college is supposed to be the place where one goes to study and gain in growth and culture. Yet such is not and cannot be the object of those who indulged in the mischief that resulted in the condition in which the basement of South College was found last week. Such acts are a shame and disgrace to the students and to the college. A stranger entering that room surely would not have gained a very good opinion of the students here. Such acts are easily covered up so that the perpetrators are not known, but the influence they exert has a lasting effect. We trust that such persons see the folly of such work, although it may have been done in the spirit of a joke.

IN this issue of the LIFE, the first of the new year, it is intensely gratifying to be able to announce the pleasurable tidings of the return of President Goodell. After an absence of four months, he has regained his health, the loss of which compelled him to seek rest and freedom from cares, in foreign lands. The trip has evidently been all that could be desired of it, judging from his present healthful appearance. While the college certainly missed President Goodell very much in one way or another, happily for all, matters ran along smoothly, no complications arising from any source, due principally to the competent manner in which Professor Fernald managed affairs. Probably very few of us realize the amount of work and responsibility that was placed on the Professor when he assumed the presidency *pro. tem.* last September. And in our joy at the return of President Goodell, we must not forget that we owe to Professor Fernald a debt of gratitude for his faithful, untiring labor. In conclusion the LIFE, in behalf of the college, heartily welcomes President Goodell back to his accustomed duties, and extends to him the best of wishes for his future health and prosperity.

IN all probability the Faculty is at this moment wondering what the insatiable nature of the student can claim next. It is safe to answer that it is a piano,—one that can be used whenever occasion requires such an instrument. There are at present four pianos in college but they are in society rooms and are thus unapproachable by a non-society man. By having an instrument accessible to all, advantage could be gained in many ways. For instance a student may come here a good player, but, not having any means of practicing, he goes away at the end of his course with one less accomplishment to his credit. Then, the dancing school which is now held in the old laboratory building has to rely on an old worn-out organ for its music, when really

a good piano is the least that could be required. Again, the orchestra could have that valuable assistance in its rehearsals. As to a fitting place to put the piano so that the students would receive the most benefit from it, would not the old chapel be the most suitable location? There has been some talk of getting a new organ for this place. What would be the objection to putting in a piano to take the place of the organ? Knowing the feelings of the students in regard to the old instrument, we feel assured that the advent of a new piano to take its place would be hailed with joy by a grateful majority.

JANUARY, 1892! The Editor pauses a moment as he writes for the first time these magic symbols. How strange and unreal they seem! How true the meaning they convey! Another year and term of college life have commenced; another act in the drama is about to be played. The LIFE takes pleasure in welcoming one and all back once more to college work and college play. On every hand we notice a spirit of bustle and activity. The short vacation seems to have given a new impetus to both study and sport. Cheerfulness and attention to duty are the order of the day, in spite of the "grippe" or even the prospect of seventeen setting-up exercises in the new tactics. Occasionally we see a clouded brow, caused perhaps by the remembrance of an unpaid foot-ball tax, but such instances are few and far between. As for conditions,—well, the victims seem to have so disguised their feelings that they show no change of countenance, although their minds may be continually running on Latin declensions, or even the dreaded Borrmann fuse and its complicated internal anatomy. Last term, we can safely say, was a successful one. Although the absence of President Goodell was sorely felt by both authorities and students, the college prospered in all its departments, and is now in condition to accomplish better work than ever before. The schedule for the term furnishes the usual amount of brain work for both students and instructors, and the students at least are taking steps to provide opportunities for an abundance of physical exercise with which to balance the mental strain. The military department has revoked the base-ball-in-the-drill-hall order, and the association is making

arrangements for indoor training. The agricultural department has at last rebuilt the dam across the college brook on *scientific principles* and as the structure is now said to be warranted to stay, the polo association will doubtless arrange for a series of games. As the LIFE reviews the events of the past year, and notes the favorable state of affairs at the present time, it does not hesitate to predict the first term of the year 1892 will be both pleasant and profitable to all concerned.

Contributed.

ANOTHER AGGIE.

A Massachusetts man in the city of Washington, observing now and then a bright youth clad in a uniform of cadet gray and wearing a military cap, the familiar letters, M. A. C., emblazoned in gold above the visor, cannot but wonder whether some Aggie of a former day has not wandered away from Amherst and got lost. But when the bright young man volunteers the information that M. A. C. stands for the Maryland Agricultural College, one of the oldest institutions of its kind in the country, you say "Oh!" and turn your back on both the Capitol and the White House, and take the first train for College Park, eight miles into the country. There, in the midst of an oak grove, rises in plain view the tall brick building on the summit of the hill where Maryland teaches its boys how to grow crops and develop ideas.

As you climb the gravelled walk you discover four tall slim poles planted on the campus, in pairs, each pair connected by a taut rope. You recognize in these the foot-ball goals, and among the grass are clubs which tell of base-ball.

You find no cannon to guard the approaches and no colors float from a flag-staff. But Lieut. Grisard, U. S. A., meets you and tells you how he keeps the students always under military discipline, since they eat and sleep and study under the same roof and are inspected not only weekly but daily.

You are conducted into the President's office and there you recognize at once the familiar form of Henry E. Alvord, so well known in Massachusetts and recently professor at Amherst. Since his connection with the Maryland Agricultural College,

Pres. Alvord has given it new life, secured increased funds and accomplished enough already to promise a successful future. The number of students is increasing and the amount and quality of the work done are worthy of praise.

But other familiar faces are to be seen. Here is Prof. J. D. Hird, formerly of Amherst college, now teaching French and Chemistry. And here is the round ruddy face of the sturdy Albert I. Hayward, B. S., of Mass. Agricultural college, now Agriculturist of the Experiment Station and Instructor of Agriculture in the College. We found him located in the building of the Experiment Station, an old structure built of bricks brought across the ocean, a tavern in former days, where George Washington and other distinguished men used to tarry a hundred years ago.

The President of the college is the Director of the Experiment Station and is assisted in his work by a corps made up of several members of the faculty of the college, together with other specialists. The building contains a chemical laboratory, a library and various offices and is situated on a portion of the college farm fronting on the old Baltimore and Washington turnpike. The work of the Station is very much like that of the Massachusetts' Stations, only varied to suit the special needs of the locality.

The faculty of the college numbers nine regular professors besides the President, one assistant professor, a secretary and treasurer, five special instructors and eight non-resident lecturers. The location of the college so near to the national capital affords a rare opportunity to secure the assistance of specialists connected with agricultural and other departments of the government, and to utilize the various museums of Washington. The charter was granted to the college in March, 1856, six years before the first Federal legislation for a similar purpose. Public spirited citizens supported the institution at first, but afterward the State of Maryland made appropriations for its benefit and now at length, the United States grants it large sums annually.

Examinations for admission cover about the same branches as those required in Massachusetts, but tuition is free to all students whether residents of the State or not. The expenses are very small

compared with some other colleges. The students board and room in the college building and pay \$180 a year for board, room partly furnished, heat, lights, washing and necessary text books. Furthermore, one free scholarship is allowed to every county in the State and to each legislative district of Baltimore. It must therefore be cheaper to live in college than at home for those who have a scholarship. The college is really an agricultural boarding school under military discipline.

The course of study is liberal and practical, including besides agriculture and horticulture, natural history, English, French, Latin and German, chemistry, mathematics, physics, drawing, book-keeping, logic, rhetoric, composition and elocution, history, political economy, and civil engineering, military drill, and manual training in wood and metal working. The most of the course is required, but the seniors are allowed electives in botany, physics and the languages.

The visitors to the Maryland Agricultural College cannot but be interested and profited, and stimulated with the desire to know more about the many other kindred institutions throughout the land. The Presidents of the Agricultural Colleges of the United States have formed an association and through their cooperation we have gained the liberal endowments of the Hatch Fund and the Morrill Bill. Why should not the students of the forty-four or more Agricultural colleges of the United States get acquainted, cooperate in athletics, unite for social and educational ends? Let every student take every opportunity to visit other agricultural colleges. Let AGGIE LIFE secure and publish a letter from every graduate of the Mass. Agr'l college, who is located in another Agr'l college, describing the institution and giving sketches of student life, sports and studies. Nothing would be more interesting to the readers of the paper, and eventually such knowledge and cooperation of the students of the many Agr'l colleges of the United States must result in great good to these youths, to the *alma mater* of each, to agriculture and to the general cause of education.

"Are you a Fraternity man?" she asked

With a smile on her ruby lip,

"Oh yes!" he replied with assurance bold,

"At least I have got the grip."

THE VALUE OF COLLEGE EXAMINATIONS.

A definition of the term "college examinations" before a body of college students would be not only unnecessary but superfluous. They all know what they are. To many persons they are the only obstacle in the way of entering college, while to nearly all who would or do enter they are a cause of fear and trembling. Midnight oil is wasted, health is broken down, youth gives way to old age; all this and more as a result of college examinations.

Not that they are wholly injurious or undesirable; in common with all such schemes they have some good points, and are of some value. Let us consider their value *pro* and *con*, after which a few suggestions may not be inappropriate.

By the examination the professor seeks to ascertain the amount of knowledge the student has acquired in matter he has passed over. As a means to this end he is generally given a number of questions or topics to discuss, which discussion may be either oral or written, according to the inclination of the instructor, and the adaptability of the particular branch in question. Such is the object sought and such are the means employed in the attempt to secure that object.

And this leads us to observe, first, that the examination, conducted as it is in the majority of cases, is not to be relied upon as an accurate index of the student's standing. People differ. One prepares himself thoroughly for the examination. He has a complete knowledge of the matter stored up in his mind, ready, as he thinks, to be communicated to the instructor. The time comes, the examination begins; but where is his stock of ideas? What has become of that mass of material which he has been collecting so long and faithfully? It is gone, and in many cases gone past all recovery. Perhaps after hard thinking part of it comes back to him, but a painful lack of vocabulary is apt to manifest itself at just such times. Any statement he puts down fails to express just what he means, and so he is bound to be misunderstood. And it is, further, at just such times that his penmanship is at its worst and his writing hardly legible. So he worries through the examination, which must be poor at its best, not because he does not know the matter well enough, but because nervousness gets the upper

hand and memory deserts him. It is evident that in cases like this, and they are not uncommon, the examination fails to indicate with certainty the standing of the student.

His counterpart is found in the one who can sit down, and, with little or no preparation it may be, write out the examination in flowing sentences and easy penmanship. In many cases the professor *seems* to consider the appearance of the paper rather than the ideas actually expressed, so one gets a mark of ten and the other barely five. Surely something is wrong with the system which permits of such a state of affairs as this.

The examination, secondly, is of some use in giving the professor an idea of the relative standing of the students in English, and this may in the end prove advantageous to the latter. If a student is a poor speller the examination will invariably indicate it; if he is a poor writer the examination will just as certainly reveal it. Thus, if there is a need of a more thorough course in English, the professor will find it out, and the students will gain by it.

Examinations are undoubtedly of some value to the students. First, they promote thorough review. If a student knows that an examination is approaching his work will be mapped out accordingly. He will study for that examination as he never did before, and will acquire knowledge which it may be he would not otherwise have gained. This is in the main beneficial, although too hard study or "cramming for exams" is often injurious to both body and mind.

Secondly, examinations stimulate and quicken the memory. In almost every one the average student has to do considerable hard thinking, and this tends to strengthen the memory and develop the thought power.

A third benefit, though one probably not thought of by the originators of the scheme, lies in the development of the inventive genius by the preparation of memories or aids to memory. When their watch case is full and their cuffs covered over, then the inventive power of some students is set at work, and when a power is exercised it is developed.

Thus it is seen that examinations are for the most part advantageous, although their value seems to vary directly with the methods of manipulation. It is believed that the methods employed in this insti-

tution might be improved. Indeed we are inclined to believe that if examinations were dispensed with entirely, and more attention paid to reviews, the main objects could be secured just as well, while many of the disadvantages would be done away with. But custom favors the examination, and it will probably be retained for some time to come. It remains for us therefore, only to make two or three suggestions by which in our estimation the system could be improved.

First. When written examinations are possible oral ones should never be used. The maxim "What is one's nourishment is another's poison" can be applied here. One recites on a paragraph which may be the only one he knows, and gets ten; another recites on a paragraph which may be the only one he doesn't know, and perhaps gets zero. This is manifestly unfair, and this unfairness is most nearly avoided by written examinations. Here all are served alike, and, further, in a written examination each student has more time and a wider range of material with which to work than is possible in an oral one.

Second. Examinations held at the end of the year on all the studies passed over are undoubtedly better than stated term examinations. As this scheme precludes the possibility of "cramming" for examinations, it calls for a thorough knowledge of matters as they passed over. A large amount of this knowledge must be retained for a number of months, and that which is fixed for so long a time would be likely to remain a much more extended period.

Finally. Best of all would be the examinations "sprung" upon the students at the discretion of the instructor. Such a scheme as this is decidedly repugnant to the average student. Nothing is more distasteful to him than to be in constant dread of anything, but in most respects it possesses decided advantages over other methods. Knowing that an examination may come at any time the student will not be apt to fall behind in his work, and what he does learn he will learn thoroughly. A prominent fault of examinations held at stated times is that the student fills his mind with material which is quickly learned and as quickly forgotten. Here all of that is done away with. What he learns he learns to keep. When the examination tends to

this end, its value will not be doubted; but when it fails in this as well as in the attempt to indicate the student's standing, its worth may well be questioned.

J. L. F.

COMMUNICATION.

MESSRS EDITORS:—Would it not be a good plan to inaugurate a series of class games of polo, this winter? I would suggest that the captain of the various class teams meet as soon as possible and draw up a schedule of games to be played as soon as the ice is in fit condition. This will give all players a good chance to practice, besides aiding Captain Willard in making up a representative college team. If interest was once aroused there would be plenty of volunteers to clear these light snows off the pond.

STUDENT.

Alumni Notes.

W. A. Parsons, '88, who, since graduation, has been employed as assistant at the State Experiment Station has given up his position there and will return to his home in Southampton where he will engage in farming.

H. F. Tuttle, ex-'91, of Jamaica Plain is visiting in Amherst.

At the annual meeting of the Massachusetts State Grange held in Boston the 15th, 16th and 17th of December, Elmer D. Howe, '81, of Marlborough was elected Worthy Master; and Wm. H. Porter, '76, of Agawam was elected a member of the Board of Control of the State Agricultural Experiment Station for three years.

Peter M. Harwood, '75, has recently been elected to the chair of agriculture in the Michigan Agricultural college and will commence his duties in the spring.

G. B. Simonds, '90, visited M. A. C. just before the close of the term.

A PRAYER.

Now I lay me out to cheat,
I pray this "pony" I may keep,
Oh, let me pass this old "exam,"
For honors I don't give a —continental!

—The Red and Blue.

College Notes.

SCHEDULE.

WINTER TERM, 1892.

GENERAL EXERCISES.

8-15 A. M.,	Chapel.	10-30 A. M.,	Church, Sundays.
8-30 A. M.,	Insp. of Rooms, Sat.	4-00 P. M.,	Drill, M, W, F.

CLASS EXERCISES.

SENIOR.

JUNIOR.

A. M.			
8-30.	Pol. Econ., M, W, Th, F	Zöology, M, T, W.	
	Military Science, T.	Agriculture, Th, F.	
	Law, M.		
9-30.	Agriculture, M, T, W.	English Literature, M, T, W, Th.	
	Meteorology, Th, F.	Chemistry, F.	
10-30.	Agriculture, M.	Chemistry, M, W.	
	Political Economy, T.	Physics, T, Th, F.	
	Chemistry, W, Th, F.		
11-30.	Veterinary Science	Chemistry, M, W, F.	
		Military Science, T.	
		English, Th.	
P. M.		Chemistry, T, Th.	
2-00.			
	SOPHOMORE.	FRESHMAN.	
A. M.			
8-30.	Agriculture, M, T.	Latin, M, T, W, Th.	
	Mensuration, W, Th, F.	Chemistry, F.	
9-30.	Physiology,	Chemistry, M, W, Th.	
		Military Science, T.	
10-30.	Drawing, M, T, F.	English, M, F.	
	Botany, M, Th.	Agriculture, W, Th.	
11-30.	Drawing, M, F.	Algebra.	
	English, T.		
	Botany, W, Th.		
P. M.		Drawing, M, T, Th.	
1-45.			
2-00.	French.		

—Play polo!

—Sabre drill is now in progress.

—Where is the "Drawing Academy?"

—The new Hatch barn is nearing completion.

—C. P. Lounsbury, '94, will carry the mail this term.

—A base-ball meeting was held January 6 in the old chapel.

—We are all glad to see President Goodell once more with us.

—The screens in the drill hall are a great improvement.

—G. B. Willard, '92, has been elected captain of the Polo team.

—Prof. W. P. Brooks delivered a lecture in New York last week.

—Rah! for the stars and stripes! The College flag will be raised every pleasant day during the term.

—The LIFE heartily wishes a Happy New Year to all its readers.

—Prof. and Mrs. Walker spent the vacation in Washington, D. C.

—The class of '92 has re-elected the same officers for the winter term.

—Parker, '94, had charge of the South College boilers during vacation.

—Lieut. L. W. Cornish is instructing the Senior class in International law.

—The grip has been very prevalent in this vicinity during the past few weeks.

—We acknowledge the receipt of the *Brown Daily Herald*; we wish it success.

—There was a fine exhibit of winter squashes in South College basement last week.

—Judge Lyman, '71, will deliver the lectures on law to the Senior class this term.

—All four classes will be instructed in the new tactics as soon as they are issued.

—One of our latest exchanges is the *Phreno Cosmian* from Dakota University.

—It is hoped that the Athletic Association will light the drill hall this term as before.

—The report of the treasurer of the foot-ball association is inserted in another column.

—Governor Russell has reappointed John D. French of Boston, as trustee of the college.

—J. Parker, '94, has left college and will probably enter the Massachusetts Institute of Technology.

—Leaders should bear in mind that the Y. M. C. A. prayer meetings are held but three quarters of an hour.

—The trustees are to elect a new treasurer this week to fill the vacancy caused by the resignation of F. E. Paige.

—Several students were detained from the College exercises by "La Grippe" at the commencement of the new term.

—F. L. Arnold, '91, will occupy the position formerly held by W. A. Parsons, '88, at the State experiment station.

—The Ninety-three *Index* board have announced that there will be no reduction in the price of that publication next Commencement.

—Professors Stockbridge and Paige attended the annual dinner of the New York Alumni Club. G. B. Willard, '92, represented the AGGIE LIFE.

—Quite a number of our students are attending the meetings of the Christian Crusaders. They are now located at the Baptist church. Amherst.

—We would mention for the benefit of the meteorological department, that there was a fine display of northern lights on the evening of Jan. 5.

—We would remind all those who have any literary ability, that the time is fast approaching for the appointment of the new LIFE board; now is your opportunity; make the most of it.

—Lieut. Cornish will continue to instruct the Sophomore class in French this term, and will also teach mechanical drawing to the same class, relieving Professor Maynard who has previously had charge of that branch.

—Base ball practice commenced last week in the drill hall; about twenty candidates appeared for practice and it was certainly very encouraging to see so many Freshmen among them. The management is endeavoring to secure a competent trainer.

—The class of Ninety-five has elected the following officers for the term:—President, H. A. Ballou; vice-president, E. A. White; secretary and treasurer, F. P. Foley; class captain, E. O. Bagg; base ball captain, E. O. Bagg; polo captain, C. B. Lane.

—The class of Ninety-three has elected the following officers for the ensuing term:—President, F. S. Hoyt; vice-president, J. E. Bardin; sec. and treas., F. A. Smith; class captain, F. H. Henderson; polo captain, E. H. Lehnert; base ball captain, G. F. Curley.

—The Washington Irving Literary Society met Friday evening and elected the following officers: President, H. F. Staples; vice-president, F. A. Smith; secretary, H. G. Stockwell; treasurer, C. H. Spaulding; 1st director, F. T. Harlow; 2d director, J. E. Gifford; 3d director, D. C. Potter. The following question was then decided upon for next Friday: Resolved, that the prospects of the Republican party in 1892 are better than those of the Democratic. The following appointments were made:—1st affirmative, A. Davis; 1st negative, D. C. Potter; 2d affirmative, J. E. Gifford; 2d nega-

tive, H. P. Smead; 3d affirmative, C. B. Lane; 3d negative, W. L. Morse. H. J. Fowler will give a reading and H. L. Frost an essay.

ANNUAL BANQUET.

The sixth annual dinner of the Massachusetts Agricultural College Alumni Club of New York City and vicinity was held at "the Arena," Dec. 15. There were about twenty-five members present, besides a number of invited guests. The hall was tastefully decorated with flowers, and the college flags floated in conspicuous places on each side of the hall. At 7.30 the club sat down to a bountiful and elaborate repast. After the various courses had been thoroughly discussed, the assembly was called to order by Asa W. Dickinson, President of the Club. Mr. Dickinson spoke of the club, its object, and its relation to the College. He said that their annual banquets showed conclusively that the members of the club were proud of their *Alma Mater*.

The President then introduced Mr. Alfred W. Lublin, secretary and treasurer of the club. After stating the financial condition of the club, Mr. Lublin read letters of regret from those who were unable to attend.

Prof. James B. Paige was next introduced and spoke very appropriately of the college and its work and especially of the responsibility of each student for the welfare of the college. Prof. Paige desires to see more harmony between faculty and students.

Mr. Levi Stockbridge as usual was given a warm reception. He referred to the alumni and their relations to the college. He said the alumni are as a rule making a success of life and nearly all have a promising future before them. He said that every graduate who becomes successful in the occupation which he enters will materially aid the college.

Mr. William H. Bowker spoke for the trustees and of their interest in the college. Also of the different courses in the college at present and the establishing of new chairs. He wants the college to graduate gentlemen and hopes that the influence at college will be to bring out and develop traits of character which are so essential to graduates starting out in life. He said that a student's character made at college will determine to a great extent his success in life.

Mr. Edgar H. Libby spoke in a very pleasing manner of the agricultural press and also of the agricultural situation. Mr. Libby emphasized a thorough knowledge of English to students who desire to follow the press as a business.

Mr. Joseph Barrett responded in his witty and pleasing manner and added much to the mirth of the occasion.

Dr. John Cutter responded to the toast "The Future of Our Club." He said that the club was at present in a prosperous condition and predicted a happy and prosperous future.

Dr. Young and Dr. Benedict congratulated the club upon the success of the banquet. G. B. Willard '92, spoke in behalf of the college paper. This concluded the remarks of the evening, and the assembly adjourned to the parlor where the remainder of the evening was spent. The enjoyment of the occasion was somewhat marred by the absence of several members of the club and also invited guests. The committee of arrangements are to be congratulated upon the success of the banquet.

PRIZE ESSAY PROPOSAL FOR 1892.

NEW YORK, December 10, 1891.

The American Protective Tariff League offers to the undergraduate students of senior classes of colleges and universities in the United States, a series of prizes for approved essays on "Has the New Tariff Law proved Beneficial?"

Competing essays not to exceed eight thousand words, signed by some other than the writer's name, to be sent to the office of the League, No 23, West Twenty-third Street, New York City, on or before May 1, 1892, accompanied by the name and home address of the writer and certificate of standing, signed by some officer of the college to which he belongs, in a separate sealed envelope (not to be opened until the successful essays have been determined), marked by a word or symbol corresponding with the signature to the essay.

It is desired, but not required, that manuscripts be type-written. Awards will be made July 1, 1892, as follows: For the best essay, \$150; for the second best, \$100; for the third best, \$50.

And for other essays deemed especially meritorious, the Silver Medal of the League will be awarded with honorable mention of the authors in a public

notice of the awards.

The League reserves the right to publish, at its own expense, any of the essays for which prizes may be awarded.

The names of Judges will be announced hereafter.

Respectfully, etc.,

CORNELIUS N. BLISS, *Pres.*

HENRY M. HOYT, *General Sec'y.*

THE INDEX.

The '93 *Index* made its first appearance a few days before the close of last term. Its editors are to be congratulated for the promptness with which the volume was given to the public. After the long waiting to which all were subjected by the late appearance of the *Index* of last year, the prompt appearance of Ninety-three's publication had a most salutary effect on all concerned.

The cloth binding is of garnet color and is lettered in gilt. We are glad to see the editors have retained the board cover and size of page adopted by their immediate predecessors, as this gives a much neater appearance to the book, and at the same time makes it better adapted for use.

The editors thought well in dedicating their volume to Professor Maynard.

The frontispiece consists of excellent engravings of the presidents of the four Alumni Associations connected with the college, Wm. P. Brooks of the M. A. C. Alumni Association; Wm. C. Parker, Asa W. Dickinson and Horace E. Stockbridge, presidents respectively of the Massachusetts, New York and Western Associations.

One of the new features of the book is the excellent manner in which the college and alumni lists have been prepared. Both are made full and accurate, and arranged as they are in close proximity to each other, they form, together with the list of the Faculty, Trustees and Committees, the most useful and complete directory of the college that any *Index* has ever published. Following this are the class communications and society lists and engravings. A number of pages are then taken up by the various associations and clubs represented in college.

The literary part of the book does not fill as prominent a position in the makeup of the volume as it should. Possibly the editors preferred to have their prose and poetic gems short and few in num-

ber, but we think that if this part had been elaborated a little more it would have added greatly to the volume. There are four poetic inspirations including the class poem, the latter being especially well written. Of the prose, the editorials and "The Word College" call for the most commendation. "A Parental Visit," for a ludicrous piece, is also well written. These constitute principally the literary part of the book.

The "hit" on the field day of the Athletic Association was well deserved. The "grinds" were few in number and are scattered throughout the latter part of the book. It is here that we notice a change to have taken place, from the many "hits" and caricatures which have sometimes been indulged in by the the *Indexes* of past years. They fill but a small place in the publication and are levelled at no one but the students, the worst of them being nothing at which anyone could take offense. This is where the '93 *Index* board has taken a step forwards in relation to the matter which the work should contain. The time has come when a large number of comic pictures and malicious "grinds" are recognized as not in good taste and also as sadly out of place in such a book as the *Index*. In this respect it is hoped that future volumes of this kind may copy the example made by the last board of editors.

The engravings of the base-ball and foot-ball teams and the Glee Club are very clear and good and give a pleasing finish to the book. The small cuts also are well executed and show taste and originality. The class cuts, as usual, are supposed to show the position in which each class stands before the world.

The volume contains about the usual number of pages with a large number of supplementary advertisements. All things considered, the '93 *Index* is a very creditable work.

A CARD OF THANKS.

Words cannot express my deep gratitude and appreciation to those students who so kindly contributed to the sum of money presented to me through the Y. M. C. A.

SHIRO KURODA.

PRAYER-MEETING TOPICS.

Jan. 14—Personal Work. John 1: 35-46. Geo. A. Billings.

Jan. 17—The practical Nature of Christian Religion, Col. iii: 1-15; James 1: 26-27. F. S. Hoyt.

Jan. 21—Prayer and Praise Meeting. Ps. ciii: 1-4; II Cor. 1: 9-15. F. C. Toby.

Jan. 24—Soul Cleaning. Heb. viii: 11-14; Ps. xix: 7-14; Ps. ci: 10-17. F. H. Henderson.

A. X. PETIT.

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FOOT-BALL ASSOCIATION

Treasurer's Report.

RECEIPTS FOR SEASON OF 1891.

	Cash on hand from last year,	\$ 39.03
Sept. 26.	Received gate collection,	13.25
Oct. 17.	“ from Stagg's Team,	20.00
Oct. 24.	“ from Worcester Tech.,	30.00
Oct. 24.	“ gate collection,	2.25
Nov. 14.	“ from Amherst Team,	30.00
	“ Subscriptions,	143.25
Total,		\$277.78

EXPENSES FOR SEASON OF 1891.

	Paid Trinity Team,	\$ 35.00
“	Holy Cross Team,	30.00
“	for new suits,	54.18
“	for new foot-ball,	5.05
“	Traveling expenses,	113.61
“	for work,	7.25
“	Telegrams,	5.60
“	Sundries,	21.45
	Balance in treasury,	5.64
Total,		\$277.78

There is yet to collect on subscriptions \$50.00.

Respectfully submitted,

JOSEPH BAKER, Sec. and Treas.

INTERCOLLEGIATE.

Fifteen different countries are represented at Yale this year.

It is estimated that there are 3,000,000 books in the American college libraries.

Williams, Amherst and Dartmouth will probably form a triple foot-ball league.

A. A. Stagg will go to Professor Harper's new university at Chicago as he promised.

Harvard College has been granted the exclusive right to make excavations in Honduras.

Tufts, Bowdoin and Brown, have taken steps toward founding a triple base-ball league.

Hamilton college has adopted the new plan of having Monday as a holiday instead of Saturday.

Ex-President Alcantara of Venezuela, has asked permission to send his son to West Point to learn the art of war.

Dr. Stetson, president of Des Moines College, has announced that students who fall in love with each other during the term are violating college rules.—*Ex.*



Business is business. FRANK WOOD will get up Spreads for the Boys this winter. Send your orders right along to get there first.
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The school of Agriculture at Purdue University is to have a special winter course in Live Stock Husbandry.

The faculty of the University of Wisconsin, have abolished examinations, except when the class standing is below 85 per cent.

"I rise for information" said the Freshman at the debating club. "Glad you did" replied the president, "yon need it.—*Ex.*

Robert Ingersoll was chosen by the Senior class at Cornell as orator for Commencement week, but the faculty vetoed their action.

By the will of the late Catherine Garcelon of California, Bowdoin will receive \$400,000; it will be used in the construction of new buildings.

If an S and an I and an O and a U,
With an X at the end, spell Su;
And an E and a Y and an E spell I,
Pray, what is a speller to do?
Then, if also an S and an I and a G
And an H E D spell cide,
There's nothing much left for a speller to do
But to go and commit siouxeyesighed.

Ex.

NOTICES.

Mails leave the college for the post-office at 1 P. M. and 7 P. M. on week days. On Sundays it leaves at 4-45 P. M.

At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M.

Springfield, New York, Washington, Southern and Western states, 7-45, 10-45, A. M. 4-00, 6-45, 8-30 P. M.

Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10-45, A. M. 4-00, 6-45 P. M.

Fitchburg, North Adams and the North, 8-30, 10-45 A. M. 4-00, 6-45 P. M.

Northampton and Holyoke, 10-45 A. M. 6-45, 8-30 P. M. Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

The President will be at his office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 2-30 to 3-30 every afternoon except Saturdays and Sundays.

The college library will be open from 2 to 4 P. M. every day except Saturday; 8 to 12 A. M. and 1 to 4 P. M. on Saturdays. Also every evening from 6 to 8 o'clock excepting Sundays.

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AGGIE LIFE



J. STURGIS. BOSTON

VOL. II.

AMHERST, MASS., JANUARY 27, 1892.

NO. 9.

Carpenter & Morehouse,

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AGGIE LIFE.

VOL. II.

AMHERST, MASS., JANUARY 27, 1892.

No. 9

AGGIE LIFE.

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Please address all communications to the Business Manager.

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Editorials.

THE "editor's sanctum" has long been a stock phrase in all journalistic work, but in the truest sense of the word, AGGIE LIFE is wanting in that important place. At present all editorial work has to be done in private rooms, subject to the interruption of students dropping in upon the editors at their meetings, and sadly interfering with the continued thought which such work demands. Why cannot we have a sanctum? The college authorities have often expressed their approval of our paper, and now there is a chance for them to show to us and the succeeding editorial boards, their approval, in a very practical way. We are sadly in need of a room devoted strictly to editorial work, where meetings can be held, and matters can be discussed, free from all danger of interruption. Again, exchange journals accumulate, which we are under a certain obligation to those who follow us, to keep, and no student has room which he is willing to give up to the storage of such literature. Many other colleges have their sanctums, why

should not we have ours? AGGIE LIFE is striving hard to maintain a high position in the world of college journalism. Can the Faculty help us more to maintain a still higher rank than by supplying this much needed aid?

WE wish the three lower classes to keep in mind the fact that a new board of editors for the LIFE will be chosen at the close of the present term. Those men will be elected to the board who show the greatest aptitude for the work. It is earnestly desired by the editors that as many as are able will compete for the positions by preparing specimens of their literary talent and handing them to the editorial management. Those men will secure positions on the new board whose quality and range of writing reaches the highest excellence. We do not want simply one or two from each class to compete, but all who have any taste for the work. There is certainly plenty of material for a healthy competition in this matter if the fellows themselves will but take an active interest in the contest. Especially is work wanted from the Freshman class, as they have thus far contributed very little to their college paper. As one editor is to be chosen from their class a good representation of their literary work is desired.

THE question at issue between the Institute of Technology and the Massachusetts Agricultural College, concerning the disposition of the money appropriated by Congress in 1889 for the benefit of "colleges of agriculture and the mechanic arts," is still undecided. The state treasurer received the first installment of the fund in due time, but owing to the conflicting claims of the above named institutions, reserved payment until the individual rights of the parties concerned became more clearly defined. The matter was referred to the legislature at its last session, but failed of settlement, and as the author-

ity of that body to act at all in the matter was sharply questioned, it was laid aside to await the decision of the supreme court at its next sitting. Although this body met last November, no action was taken in regard to the controversy until a short time ago when the question was brought before the court and each side given a chance to present its claim and arguments in support of it. As the case is one peculiar in itself and without precedent, the court reserved its decision, that time might be had for thorough investigation. The result is anxiously awaited by both parties. Friends of the Massachusetts Agricultural College, and all who have a knowledge of the great good it has been doing for the people of the state, have been deeply interested in this matter from the very first. Since the passage of the bill in 1889, this money has been accumulating in the state treasury. Surely the time has come when it should be put to some practical use, to the use for which it was appropriated and to no other. That the whole amount will finally be paid, principal and interest, to the Massachusetts Agricultural College—the people's college, and the only college of agriculture and mechanic arts in the commonwealth—is our hope and belief.

IN OLDEN TIMES.

In olden time, when hearts were true
And eyes were black, or brown, or blue,
Beneath a blossomed apple bough
A youth and maiden sat; and how
They acted, I'll relate to you.

The sun sank low, just peeping thro'
The parted leaves (as people do).
And kissed the pretty maiden's brow,
In olden time.

The hint was plain, we must allow;
The youth not backward too, I vow;
But what forthwith trainspired to view
I'll not describe; 'twas nothing new,
They acted just as we would now,

In olden time.

—*The Inlander.*

Williams college will celebrate her 100th anniversary in 1893. Arrangements for the occasion have already begun. It has not yet been decided whether the anniversary will be held at the time of the '93 Commencement or in October of that year in which month the college was founded.

Contributed.

THOUGHTS ON COLLEGE DECORUM.

A few students of a certain college one day, stimulated by love of frolic, placed two large boxes against the door of a recitation room then used by a professor and his class. The recitation over, the man nearest to the door opened it and finding the unusual obstacle and seeing the point of the joke, at once climbed over the boxes instead of pushing them aside, and was followed in his erratic course by all his classmates. I presume we shall agree that there was a good deal of decorum lacking in the conduct of all these men, the leading spirits who planned and perpetrated the joke and those who "followed their leader" over the boxes. We might call this indecorous conduct deliberate, premeditated, and one of the worst kinds of college indecorum.

A cause of such unseemly conduct as the case mentioned may be the antagonism which has been set up in some institutions of higher learning by the students against the faculty, the former becoming a sort of loyal opposition, often with unparliamentary proceedings, to the party in power. And yet would not these undergraduates, after graduation, and on obtaining power in a professional position, say in the same college where they were "in opposition," enact and enforce laws and regulations similar to those which they so severely criticized and strove by indecorous conduct to have changed. We think so. Why should not scholars be inspired with greatest loyalty to their teachers and why should not professors respond with a generous confidence in their pupils?

Criticism is right even in colleges, yet deliberate discourtesy both in word and act is wrong, because if habitually indulged in, it shows that conscience is not followed, and that that divinest virtue—charity—is not cultivated; for he who is animated by Christian love "will not behave in an unseemly way."

But indecorum is often the result of thoughtlessness. A professor in a divinity school once put the following question to a student in a class examination: "Pray, Mr. E. how would you discover a

fool?" "By the questions he would put," said Mr. E. Whether we should commiserate the professor for his absence of intellect or commend the pupil for his presence of mind is the question we might put to ourselves. We are sure, however, that such cases of professional thoughtlessness and indecorum are rare and lack of thought is oftener the sad habit of the student.

Undignified words and acts spring also from ignorance both in and out of college. A Belgian Catholic priest, rich in mission-stations, for he had four, but probably poor in money, had occasion to pay his monthly visit to one of the most illiterate of them, and the religious service half over, he was about to mount into the pulpit to preach the sermon when the voice of the sexton was heard from the region of the door crying out: "M. le Curé, please preach from the altar, because I have a hen setting in the pulpit." Perhaps some college improprieties may originate from a lack of education similar to that of the well-meaning but badly trained beadle.

Let us conclude with the remedy for the defect of indecorum. It is naturally the cultivation of the good quality of decorousness. The persistent culture of the intellectual and the aesthetic are very important means also. The reading of books of etiquette, perhaps also the judicious imitation of gentlemanly conduct in others will help many. And yet will not the culture of the soul, the higher nature be a more efficient cause to bring about the desired end—a constantly decorous conduct, an unfailing spring of delicacy and refinement which will charm, educate and save?

High attainments in this direction do not require personal beauty and vigor or brilliancy. We believe as we have already said, that spiritual and moral culture are necessary. The new, loving, benevolent nature which the Spirit of Christ is willing to give to every humble seeker must be possessed. Then there will grow from that heavenly plant the sweet fruits of a delicate sense of propriety, a quick perception and tact, and a constant dignified and easy adjustment to circumstances, a graceful goodness and a beauty and harmony of life before which evil will fly as chaff before the wind and by which good will be implanted as seed cast into productive soil bringing forth some thirty, some sixty, some an hundred fold.

W. B. C.

HOW TO SECURE A GOOD MEMORY.

Prior to the art of printing, the cultivation of the memory was carried to a much greater extent than it is at the present time. Then the knowledge possessed by a man had to be entirely in his own mind. He had no recourse to a library or even to a printed book when memory failed him. Hence we find among the ancients wonderful instances of the power of memory. Cyrus, the Assyrian King, is said to have known the name of every soldier in his army while Pascal stands out from among philosophers as a man who never forgot anything that he had ever thought or ever heard.

Although a good memory may not have the value now that it formerly had, yet the importance of securing such a memory cannot be overestimated. The psychologist tells us that nothing is ever lost that once becomes a part of the memory. All sensation, all thought is retained, but only the merest fraction of all this latent knowledge is ever apprehended or used. It is then the object of this faculty to bring knowledge into such a form in the memory that it will always be at the command of the will.

The elements of a good memory are two-fold, readiness of acquiring and certainty of retaining that which is gained. Some acquire easily but quickly forget; others retain knowledge but it is secured only with the greatest difficulty. The most complete result however can be obtained only when both elements are united. Some possess this however as an original gift but to most people a good memory can be gained only by strict adherence to the principles necessary for its complete development. The first step for the cultivation of the memory is to exercise it. Use the memory. Train it to do its work easily and accurately. The more it is employed the grater will be its development. The athlete trains his muscles in such a manner as to increase their strength and vigor, so let the student do with the memory and, like the physical powers, it can be brought to a strength that is truly marvelous. Herein lies a part of the secret that the educated man is better equipped for life than the uneducated. In student life is found the highest opportunity for disciplining the memory. This is one of the reasons that classical instruction finds so much favor. There is no branch of study that can equal

the classics as a test for the memory.

Oftentimes the memory may be very good in some particulars but deficient in others. This may sometimes result when the mind is closely directed upon a certain study. For instance, the memory of the mathematician may be very good for remembering formulae and equations, but exceedingly poor in other particulars. No one should allow his memory to become thus one-sided. Give it attention at every point and particular. If it is dates or names that it is difficult to memorize, then make the memorizing of names and dates an especial duty.

Coincident with the exercising of the memory is the testing of it. The strength of the athlete is of little value to him unless he relies on it to accomplish the purpose desired. Likewise there is nothing that will so develop the memory as trusting that it will make no mistakes. Ex-President Seelye says in this connection, "By trusting the memory even though it often fails and by giving individual attention to what is remembered, any person may increase his power of memory to any extent."

If the memory acquire the habit of obeying these underlying principles there can be no question but that it will be improved. It may be difficult and irksome at first to strengthen a weak memory but as progress is made, memorizing becomes an automatic power of the mind. We cannot secure such remarkable memories as the philosophers of the earlier ages developed. Man at this period has not and cannot have the incentive for such, as did the ancients, but even in our day a well defined and a well developed memory is a fortune to any man.

NOTICE.

The Washington Irving Literary Society, as an incentive to greater efforts in its line, has offered two prizes of two dollars, and one dollar respectively, to the two men in the Freshman and Sophomore classes who shall make the best record in debating this term. Judges will be appointed who will endeavor to be fair in their marking. The prizes are small in themselves but the honor is worth striving for and as both are open to the two lower classes, there should be rivalry and competition.

About 20 per cent. of the students at Stanford University are women.

IN MEMORIAM.

Death has once more invaded the ranks of the class of Ninety-two. The beloved Anna Lytical Chemistry has left them for brighter and warmer regions. The affliction was not confined to the mourning class, for she was near, not to say dear, to all of us.

On Wednesday evening last, the funeral obsequies over the young lady were held in the building where all had come to know her so well.

The sad procession, headed by the band, keeping step to the mournful throbbing of the bass drum, and carrying on standards some of her wise words of counsel, and a portrait of her bereaved partner, slowly wended its way from South College to the Old Chapel, where a large number of the afflicted relatives and friends had gathered to do honor to her memory.

After the voluntary by the band, Father Crane read the scripture and Bishop Willard offered a very touching prayer. The response by the choir was very affecting, almost as much so as those of our college choir in Sabbath service.

Letters of regret were read from brothers Plumb and Fletcher, expressing their deep regret at their inability to be with the mourning guests on the sorrowful occasion.

The tale of Miss Anna's life was told by four brethren, their grief being so great that each one could control himself only long enough to tell the story of a quarter of her life. Brothers Emerson, Taylor, Thomson and Boynton conducted this part of the service.

Rev Mr. Rogers then offered prayer in which he touchingly alluded to the afflicted relatives. The choir next rendered a selection, then followed the funeral sermon by Dr. Field, which in language that brought tears to the eyes of all his hearers, told of Anna's excellencies and virtues.

High Priest Crane then offered a few words of condolence to the family, the band played "Come Ye Disconsolate," the benediction was pronounced, and her friends looked on her beloved form for the last time.

After the benediction, the solemn procession wended its way to the funeral pyre near the old powder magazine, (a place especially fitted for her interment) where, as the flames mounted toward Heaven,

a dirge appropriate to the occasion was chanted, and the class of Ninety-two bade farewell forever to all that was mortal of Anna Litical Chemistry.

COLLEGE LIFE.

It is safe to say that nine-tenths of the Freshmen and even a large number of the older students were greeted by their friends, upon arriving home the past vacation, with the question: "Well, how do you enjoy college life?" The expression "College Life" has come to have a meaning peculiar to itself, but just what it means, is, even to us in the college world a little doubtful.

Does it mean the daily routine of lectures, recitations, and drill? Does it mean the associations which we have in our various societies, or does it mean a repetition of the same experiences which, to a large degree, take the place of home life?

We can hardly be justified in saying that it is any of the above conditions taken separately, and when taken collectively, they do not cover the whole field included in the two words "College Life." What, then, does it mean? To give an exact definition would be following too closely the methods of the scientific text book to be acceptable to the average student. The chief factor seems to be the social conditions which surround the student.

The inscription placed over the door of one of the Fraternity houses in a New York college, "*Nullam Societatem, Nullam Collegium*," is equally true of college society at large, as well as of Fraternity society. In short, college life may be said to be that quiet freedom and liberty in distinction from the restriction of preparatory schools, which allows every man to make the most of himself if he has the ambition; or if ambition is lacking, which allows him to sink to his proper level. Our college life is perhaps more quiet than that of many higher institutions of learning, but the essential elements are here, and all that is necessary on the part of the student is for him to take advantage of the many opportunities which are presented to him, and to resolve that he will be a prime factor in raising the standard of the moral and social life of the college; then he will reap the full benefits of "College Life" in its highest sense.

Bowdoin has recently received a gift of \$400,000.

RECEPTION TO PRESIDENT GOODELL.

The Massachusetts Agricultural College Alumni Club of Massachusetts tendered a reception to President H. H. Goodell and the Trustees of the college, at the Quincey House, on the evening of January 14th.

The invited guests of the occasion were Gov. Russell, ex-Gov. Brackett, W. R. Sessions, Secretary of Agriculture, and J. W. Dickinson, Secretary of the Board of Education.

Wm. Wheeler of the Trustees and Gov. Russell both sent letters of regret. Gov. Russell expressed his pleasure to be present did not his presiding at the Yale-Harvard debate on the same evening prevent.

The members of the Board of Trustees present were Hon. Daniel Needham, W. H. Bowker, J. D. W. French, F. H. Appleton, M. I. Wheeler, Wm. R. Sessions, J. A. Harwood. F. E. Paige, former treasurer of the college, and Dr. J. B. Paige were also present.

A large number of the alumni and friends of President Goodell improved the opportunity to greet him, and extend to him congratulations on his greatly improved health and safe return once more to American shores and the M. A. C.

The Everett Banjo, Mandolin and Guitar Club enlivened the occasion with musical selections, besides acting as accompanists during the latter part of the evening, while some of the alumni assisted by friends and guests, awoke the sleeping echoes of the reception hall by rendering some old college songs, beginning with "*Auld Lang Syne*," and "Here's to Prex. Goodell."

A lunch was served after which W. C. Parker, '80, president of the Alumni Club, called upon President Goodell to speak of his visit to the land of the Englishman.

President Goodell said he had not been informed that speeches were to be a part of an informal reception, but he would finish what he had been saying when interrupted by the calling to order, which was about some things which had attracted his attention while in England. He spoke particularly of the immense glass houses on the island of Jersey. Single houses, he said, covering as much as two acres of land. Plowing and other work is

done under them with almost as much freedom as though in the open air. These green-houses are maintained by a syndicate which sells its products in the London markets, and the profits are enormous.

President Goodell also gave several incidents in the English social life as he saw it. With a smile lurking at the corners of his mouth, he described his attempt to educate the English up to a sense of American humor and their failure to appreciate it. The discomfort of an English barrister and the legal opinion which he gave, as told by the genial President, caused much merriment.

Speaking of the college, he said, "I have been connected with it now for twenty-five years and I hope I may be spared to help its progress for twenty-five years to come, and that I shall live to see not only your sons but also your grandsons members of its classes."

After a brief review of the style of living in the Queen's Island, given in a serio-comic way, he said, "in spite of tough beef, hard bread and beefsteak puddings, old England is a good place to live in, yet I gladly welcome the return to old surroundings, I have received nothing but kindness and a generous measure of it from trustees, alumni and other friends."

President Goodell finished amid great applause, and Col. Needham, one of the Trustees, was next called upon. After him, Mr. Hardy of the class of '71, and Secretary Gilbert of the Maine State Board of Agriculture, spoke briefly.

The Alumni Club had a short business session after the reception. The gathering passed off most pleasantly to all concerned.

F. W. DAVIS, '89.

The editor sat in his sanctum
Letting his lessons rip;
Racking his brain for an item,
And stealing all he could clip.

The editor sat in his class-room,
As if getting over a drunk;
His phiz was clouded with awful gloom,
For he made a total flunk.

The editor sat in his sanctum
And hit himself in the eye;
And swore he'd enough of the business;
He would quit the paper or die.

Sad, but true.

—Ex.

"ENGLISH AS SHE IS SPOKEN"

AT ROME.

During a visit last spring to the "eternal city," I had an opportunity of witnessing a grand illumination of that historic old ruin, the Colosseum. It was a magnificent spectacle, not soon to be forgotten. The hand bills or programs passed out at the entrance were printed in Italian, French and English, on account of the number of foreigners present in Rome. The English portion contained such unique possibilities in the use of the English language, that I take the liberty of reproducing it verbatim:

"Great Illumination with Bengal of the Colosseum and close movements, Saturday 28 March at half past 8 in the evening, directed by the Piroctecnic M.r John Marazze. The profit of the exhibition is in favour of the

HOSPICE FOR THE FORSAKEN BABIES.

The access into the Amphitheater is at 7 o'clock. The exhibition shall be divided in four parts.

PART FIRST.—The great internal place of the Amphitheater shall be illuminated with great partitions verticales in nice colours that passing gradually from little light to the strongest shall give the most beautiful splendours. The colour violetta in new and surprising effect.

SECOND PART.—All the internal perimetre of the Amphitheatre shall be lighted with electric bands horizontal of various colours which going from the podiusn will mount till the crown of the velarium where shall present a show of a general reverberation.

THIRD PART.—The external part, facing the forum, shall be lighted, the Galleries, and the bands corresponding with the internal enclosures will be marked with splendid colors and new effects of reverberation violetta.

FOURTH PART.—The Galleries and the internal parts illuminated with very splendid light gradually passing from the strongest intensity will present a little light and in the same time a general and opposed reverberation will show the general sight of all the Edificium in relife never seen.

An illumination well drawn reproducing all the colours of the piractecnic art will mark the passage

of the internal and external illumination. This illumination shall be preceded by the elevation of 4 crowns which shall end in so many blazes of light radiant in the air.

The illuminations shall be preceded by brilliant and various signals.

A Militar concert shall play during the exhibition.

Price of the access, 2 Francs.

The access for the people in Via del Colosseo.

The access for the carriages in Via delle Carrette, the carriages which shall waiting their master shall be disposed long the Stradone di S. Gregorio.

Thickets are found near the Colosseum the persons who desire to have the tickets before time will find them at L. Prale, Prazza di Spagua, 1 e 2, e wei principali Alberghi della citta.

Gentlemen Take care do not buy tickets by ambulant sellers.

E. R. FLINT.

Göttingen, Dec. 19, '91.

SONG.

DEDICATED TO THE AGGIE GLEE CLUB.

When tasks are over for the day
Our voices loud we raise
In harmony united,
To sing "Fair Aggie's" praise.
We gather at the setting sun
With hearts so full of glee,
And through the evening twilight sing
Our songs of love for thee.

From Winter's blasts thy stately walls
Grant us protection sure,
And in the Summer's scorching heat,
Their shade forms rest secure.
These halls our college home have been
Through brightest years of life:
Within their shelt'ring portals, we
Prepare for toils and strife.

From thee we learn life's path to tread,
With fears and dangers fraught:
From thee we learn those precepts true
Which thy fond care has taught.
O Aggie, *Alma Mater* dear,
Our loyal song shall be;
May God His choicest blessings pour
On all thy sons and thee,

E. C. HOWARD, '93.

IN MEMORY OF OUR CLASSMATE,

CARLETON DEWITT GREEN,

Who Died at Belcheitown, Mass, January —, 1892.

Whereas, It has pleased our Heavenly Father to remove him who was once our classmate, Carlton DeWitt Green of the class of 1892, Massachusetts Agricultural College, and

Whereas. We have recognized in him, as a classmate, one faithful in his duties and of a pure, upright character, ever commanding our love and admiration, esteemed and respected by all his college associates; therefore, be it

Resolved, That we mourn his loss, and that we tend our heartfelt sympathy to his bereaved parents in their affliction, and be it further

Resolved, That a copy of these resolutions be sent to his sorrowing parents, a copy inserted in the class records, and also published in the AGGIE LIFE and Q. T. V. Quarterly.

F. H. PLUMB,
J. B. KNIGHT,
H. E. CRANE, } Committee.

RESOLUTIONS OF RESPECT.

Whereas, By the dispensation of Divine Providence, death has again entered the ranks of the Q. T. V. Fraternity, and removed brother Carlton DeWitt Green of Amherst Chapter, be it

Resolved, That in the death of Brother Green the Fraternity loses a valued member, and one who took an active interest in the Chapter of which he was a member, and while we, his brothers in the Fraternity, learn with sincere regret and sorrow of his death, we bow in submission to the will of Him who doeth all things well; and be it further

Resolved, That to the relatives and friends of our brother, we extend our heartfelt sympathy in their great affliction, and mourn with them the loss of our brother, taken so early in life, from his usefulness in this world; and further be it

Resolved, That a copy of these resolutions be sent to the family of the deceased, and that they be placed on the records of the Amherst Chapter of the Fraternity, and be published in the Q. T. V. Quarterly and AGGIE LIFE.

R. P. LYMAN,
GEO. E. TAYLOR,
C. M. HUBBARD, } Committee
on
Resolutions.

PRAYER-MEETING TOPICS.

Jan. 28—Learning from our Mistakes. I Tim. 1: 12-16; Acts 26:9-20. R. A. Cooley.

Jan. 31—Temperance. Isa 5:22-23; Prov. 23:1,7, 29,32. E. A. Hawks.

Feb. 5—Christianity in our Studies. Luke 2:42-52; Col. 3:17-23; Acts 22:3. E. H. Alderman.

Feb. 7—Our Enemies. Eph. 6:10-18. H. G. Stockwell.

College Notes.

—Miss Chemistry is no more.

—Beg pardon. The dam still holds.

—E. D. White, '94, is very sick with the typhoid fever.

—W. H. Ranney, Ex-'93, recently made us a short visit.

—Ballou, '95, is confined in his room by an attack of the mumps.

—Hereafter two tardy marks at drill will be equivalent to one absence.

—Henderson, '95, was afflicted quite severely with "la Grippe" last week.

—The Athletic Association has commenced to light up the Drill hall evenings.

—Jan. 16, J. H. Putman, '94, cut quite a gash in his hand while he was trimming fruit trees.

—T. S. Bacon, '94, was quite severely injured in the foot last week with a bayonet, while on drill.

—We publish in another column an account of the reception tendered President Goodell at Boston.

—The water pipes in the basement of South College burst last week and there was quite a precipitation.

—J. E. Bardin, '93, was obliged to return to his home last week owing to the severe illness of his mother.

—Cannot these icy sidewalks be remedied? They are certainly very dangerous and several students have been hurt.

—By vote of the Faculty, students will be obliged to return all library books at the expiration of three weeks from date of removal.

—Jan. 24, a number of the M. A. C. dancing class attended the first of a series of receptions given by their instructor, Mr. A. X. Petit.

—Is there to be a singing school here this winter—after the custom of previous years? If so, all should take hold and make it a success.

—Prof. S. T. Maynard lectured at the Franklin Agricultural Institute held at Greenfield, Saturday, Jan. 16. His subject was "The Botany of the Farm."

—The first lecture in the Union Lecture Course, will occur to-night. Paul Du Chaillu, the noted traveller, will lecture; subject, "Through Equatorial Africa."

—That money affair between the M. A. C. and the Mass. Institute of Technology came up before the Supreme court last week. They have not as yet made known their decision.

—Our drill hall is too small to accommodate the many candidates for the base-ball nine. While it is very gratifying to see such a large number of men at work, yet we regret that each man cannot have a sufficient opportunity for practice.

—The class of '94, have elected the following officers for this term:—President, R. E. Smith; vice-president, A. J. Morse; treasurer, C. H. Barton; secretary, H. J. Fowler; class captain, E. L. Boardman; base-ball captain, F. I. Parker; sergeant-at-arms, P. E. Davis.

—The annual meeting of the Board of Control of the State Agricultural Experiment Station was held in Boston, Jan. 13, 1892. The business transacted was mainly of a routine nature. The only change of officers was the election of Dr. C. A. Goessmann as temporary treasurer in place of Treasurer Paige, resigned.

—In spite of stormy weather quite a few students attended the lecture delivered by Rev. Russell H. Conwell at College Hall Monday evening, Jan. 18. His subject was, "The Silver Crown, or Born a King." His speech was both instructive and entertaining and those who heard him speak of his ability in high terms of praise.

—The annual meeting of the Trustees of the Massachusetts Agricultural College was held in Boston, Jan. 14, 1892. The old officers were re-elected with the exception of Prof. Geo. F. Mills as temporary treasurer in place of Treasurer Paige, resigned. It was voted to petition the legislature for the continuance of the labor fund, which expires this year. It was also voted to petition the legislature for an appropriation of \$2000 to build a tool house, shop and sheds for the Horticultural department and \$6000 to rebuild the Durfee Plant House. The remainder of the business transacted was of a routine character.

—The Washington Irving Literary Society met

as usual Friday evening. The subject of the debate was, Resolved, that poverty tends to form a better character than riches. F. W. Park, A. H. Kirkland and A. J. Morse spoke on the affirmative side, and F. T. Harlow, H. A. Fowler and A. D. Hemenway on the negative. G. H. Merwin gave a reading entitled, "An Agricultural Address"; F. C. Tobey read an essay on Chili. The subject for debate Jan. 29, will be, Resolved, that Chinese immigration should be prohibited. The following appointments were made:—1st affirmative, J. B. Knight; 1st negative, H. D. Clark; 2d affirmative, C. H. Spaulding; 2d negative, G. E. Smith; 3d affirmative, R. W. Drury; 3d negative, W. C. Brown. W. E. Sanderson is to give a reading and F. H. Henderson an essay. At the meeting held Jan. 15, H. G. Stockwell resigned his position as secretary, and R. A. Cooley was elected to fill the vacancy.

ATHLETIC ASSOCIATION NOTICE.

The Athletic Association perhaps needs to make some apology for its tardiness in beginning its duties, but we can accomplish nothing without the help of the students, and last fall the time was entirely taken up by foot-ball. Even if the few men who would have taken part had arranged for a field day, dates of that and the previous meets would have doubtless conflicted with the Foot-ball Management.

This winter we propose to light the drill hall and repair the apparatus, and we want as many as can to avail themselves of the opportunity of taking exercise, of developing their muscle and of aiding in preparing for a field day next spring. The hall will be lighted from seven until ten each evening except Sunday. For Saturday afternoons there will probably be arranged such contests as our limited apparatus and conveniences will allow.

You doubtless will say there was much talk last spring of having a field day, but which never materialized. But whose fault was it? With the exception of one or two men, not a student took enough interest in it to come out and even try what apparatus was provided. I say, whose fault is it? Is it the business of the directors of the association to go around begging each man to come out and exercise himself? Every man ought to have spirit

enough and pride enough, both for his class and college, to do his share toward forwarding a field day next spring. Each class should have enough spirit to see that its members do their duty in this thing. There should be rivalry between them. Don't let another class calmly walk off with the honors while you tamely stand by idle. Let us create an interest in athletics and show people what we are made of.

GEO. E. TAYLOR, Pres. Ath. Assoc.

A. X. PETTIT.

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Exclusive Classes for M. A. C. men, also Private Lessons.

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GLOVES, ETC., ETC.

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COOK'S BLOCK, AMHERST, MASS.

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HACKS, DOUBLE AND SINGLE TEAMS

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CAREFUL DRIVERS.

FAIR PRICES.

AMHERST, MASS.

Alumni Notes.

Dr. Fred A. Davis, '87, has returned from his trip abroad.

Walter S. Leland, '73, teacher in Massachusetts Reformatory, Concord Junction.

C. O. Lovell, '78, is at 514 Congress St., Portland, Maine.

Frederick Tuckerman, '78, is now located at Amherst, Mass.

David Barry, '90, has received an appointment to the weather service.

Hiram E. B. Waldron, '79, is now residing at Jamaica Plain, Mass.

F. W. Davis, '89, is a member of the reportorial staff of the *Boston Journal*.

Mr. Henry Stanley Hyde one of the trustees of the College was married to Mrs. Ellen Trask Chapin at Springfield, Jan. 14.

Next summer the World's gathering of Knights of Pythias, will be held in Kansas City and Lieut. Samuel M. Holman, '83, of Attleboro, Mass., Quartermaster of the 3d Reg't, Mass. U. R. K. of P. will leave for Kansas City soon to make arrangements for the accommodation of his regiment.

INTERCOLLEGIATE.

A settlement has at last been effected in the athletic dispute between Harvard and Princeton which has been going on for some three years.

Bowdoin college has received during the last year nearly \$600,000. With this large increase of funds the work of the college will be greatly increased.

The Brown catalogue which has just been published gives the number of the students at the University as 403. This is the largest attendance the college has ever had.

For ten years the students of the University of Illinois have been compelled on entering the institution to sign pledges binding themselves not to become members of Greek letter societies. The trustees, at a recent meeting, revoked the ironclad rule and already the fraternities have or are ready to organize chapters.—*Ex.*



Business is business. FRANK WOOD will get up Spreads for the Boys this winter. Send your orders right along to get there first.
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JOSEPH PARISEAU, HAIR DRESSER.

RAZORS HONED.

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Exterior House Painting.

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and Carpet Renovating Establishment.

Aggie Agent, C. L. BROWN, '94.

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AMHERST, MASS.

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Merchant Tailor,

AMHERST, - MASS.

The faculty at Yale have refused to allow the editors of the different publications of the college to print advertisements from the liquor dealers. This action probably will considerably reduce the income of the Yale papers.

The joint debate between Harvard and Yale which occurred Jan. 14, attracted wide attention throughout the college world. Delegations from the principal colleges in and around Boston were present at the debate.

Brown University was founded in 1764 at Warren, R. I. and was removed to Providence in 1770. Its original name was Rhode Island College but was changed to its present name in honor of one of its chief benefactors.

Princeton has decided to place a crew on the water the coming season. A movement is on foot to make a lake three miles long by three-fourths of a mile wide, not far from the college. Nearly \$10,000 will be required to accomplish the purpose.

NOTICES.

Mails leave the college for the post-office at 1 P. M. and 7 P. M. on week days. On Sundays it leaves at 4-45 P. M.

At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M.

Springfield, New York, Washington, Southern and Western states, 7-45, 10-45, A. M. 4-00, 6-45, 8-30 P. M.

Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10-45, A. M. 4-00, 6-45 P. M.

Fitchburg, North Adams and the North, 8-30, 10-45 A. M. 4-00, 6-45 P. M.

Northampton and Holyoke, 10-45 A. M. 6-45, 8-30 P. M.

Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

The President will be at his office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 2-30 to 3-30 every afternoon except Saturdays and Sundays.

The college library will be open from 2 to 4 P. M. every day except Saturday; 8 to 12 A. M. and 1 to 4 P. M. on Saturdays. Also every evening from 6 to 8 o'clock excepting Sundays.

Sheet Music,
—AND—
Music Books,
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Strings
FOR THE VIOLIN, BANJO, GUITAR,
—AT—
CUSHMAN'S MUSIC STORE,
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EDWIN NELSON,
Books and Stationery,
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AMHERST HOUSE
Hair Dressing Rooms.
Razors Honed, and Shaving Supplies always
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FERD. FANEUF,
AMHERST, MASS.

Amherst House,
AMHERST, MASS.

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Ample dining room capacity for 200 people.

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Ether and Nitrous Oxide administered when desired.

Drugs, Medicines,
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CONFECTIONERY, CIGARS, CIGARETTES AND
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PHYSICIANS' PRESCRIPTIONS CAREFULLY
COMPOUNDED,
—AT—

MORGAN'S PHARMACY,
6 PHENIX ROW.

Order your **COAL** here.

BOYS

Go to BLODGETT & CLARK for
CLOTHES or FURNISHING GOODS.

They keep the best line and use the
students well.

Take your laundry to them Monday or
Wednesday morning and you will get
good work.

BLODGETT & CLARK.

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MEATS AND PROVISIONS,
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Hair Brushes from 25 cts. up?
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Choice New York Confectionery?
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Shaving Soap?
Lather Brushes?
Cigarettes, fresh every two weeks?
The Best Soda in America?
The Best Bay Rum?
Imported Perfumes?
Prescriptions prepared by licensed pharmacists?
Imported Domestic Tooth Brushes?

If you have not obtained these necessities at DEUEL'S DRUG STORE, you have begun wrong. Deuel's is the leading Drug Store in Western Mass., and keeps the largest assortment of goods at bottom prices.

DEUEL'S DRUG STORE,

Amherst House Block, - Amherst, Mass.

HENRY ADAMS, PHARMACIST.

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Pure Drugs and Medicines,

FANCY AND TOILET ARTICLES, IMPORTED AND
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
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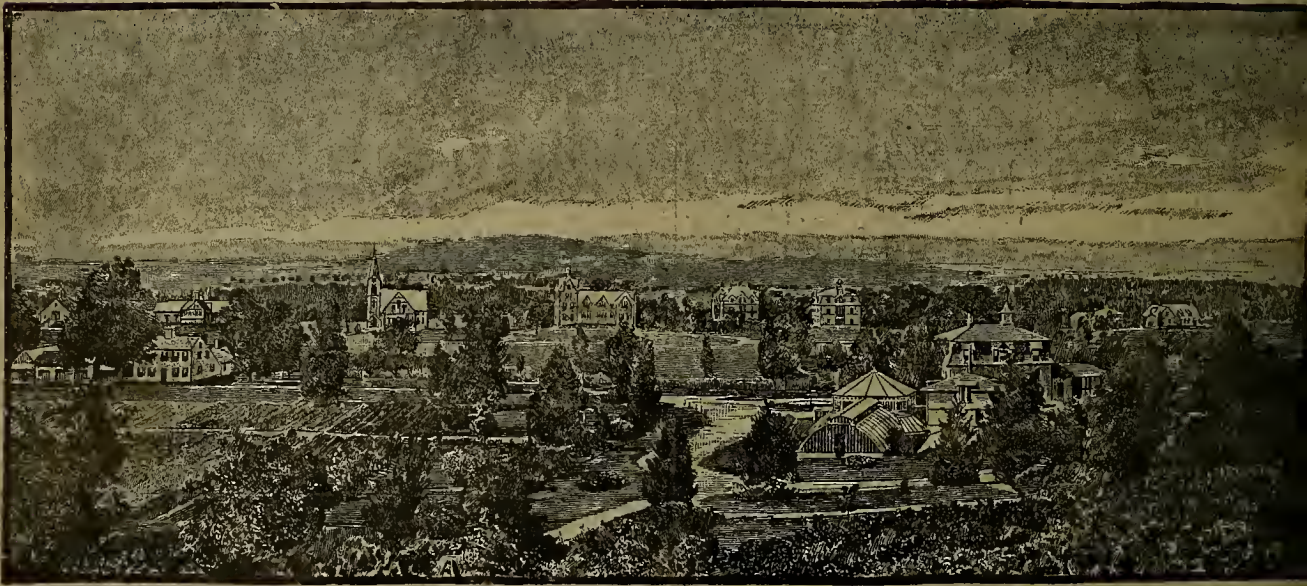
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AGGIE LIFE



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MASS. AGRICULTURAL COLLEGE,

**BOTANICAL DEPARTMENT,
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**FRUIT AND ORNAMENTAL TREES AND SHRUBS,
SMALL FRUITS AND PLANTS,**

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CUT FLOWERS AND DESIGNS,
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BEDSTEADS, MATTRESSES, PILLOWS, STUDY

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**BOOTS AND SHOES
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**DRESS SHOES, IN PATENT LEATHER, BALS. AND
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AMHERST, MASS.

AGGIE LIFE.

VOL. II.

AMHERST, MASS., FEBRUARY 10, 1892.

No. 10

AGGIE LIFE.

Published Fortnightly by the Students of the Mass.
Agricultural College.

Terms \$1.00 per year, in advance.

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Editorials.

We are very sorry to announce the illness of our Editor-in-Chief, both on our own account, and also on the account of our readers. However, we hope you will bear with us, and that the absence of our leader and master mind, has not too seriously impaired the quality of this issue of the LIFE. We, as well as you keenly feel his absence, and hope that our next issue will see him again at the helm.

BASE-BALL practice has lagged somewhat during the last week, owing to the absence of Captain Crane. The directors have elected a captain *pro tem* to carry on the work until his return. It is the duty of all those men who are working as candidates for the team, to carry on the work as well during the captain's absence, as when he is with them. Those men who have not the ambition to carry on the practice even without the direction of their captain, are not the true men for the team. Let every one give the Captain *pro tem* his hearty

support and co-operation, and show Captain Crane upon his return that the work has not been forgotten. Do not discourage him with the desultory fact that little or no progress has been made during his absence.

It is with great sadness that we are again called upon to announce the death of one of our former members. We refer to Harry F. Tuttle, formerly of '91. This will doubtless come with much surprise and pain to some at least of his many friends. Since leaving college, his health had rapidly declined under the influence of that dread disease of the lungs. He returned to Amherst some weeks since, and the change of climate had a temporary beneficial effect, but his friends well knew that it was but temporary, and their fears were realized Friday last, when he passed away. It is very sad to think that one in the prime and beauty of young life must resign it all, but we recognize it is by the will of one who knoweth and doeth all things well.

ONCE more it becomes our unpleasant duty to say a word in regard to the treatment of the papers in the reading room. Complaint has been made to the reading-room association that items have lately been clipped from the newspapers while they are still in the room, thus not only depriving the students of what is rightly and justly theirs, but greatly disfiguring the papers and lowering their value to the persons who have purchased them. The reading room is one of the public institutions of the college, sustained by the students for the students, and the privileges it offers belong alike to all who pay the association tax. The injustice of such practices as those of which we speak is too strongly evident to all, and their continuance cannot be too strongly condemned. We trust that a word will be sufficient to prevent further occurrence of the kind.

It was, to say the least, a rather *cool* reception that our Glee Club received at the hands of the North Amherst society last Friday evening. Two of our men were suffering from severe colds so that it was with difficulty they could sing at all, and to come into a hall, the temperature of which was as near like that of a Swift's refrigerator as any thing we can liken it to, was not what we may call highly encouraging. It was expected that the Club was to sing in the church, but owing to some oversight, unpremeditated or otherwise, no preparations were made for their reception. At last the deed was done—that is, a fire was started in the chapel. The club warmed their benumbed fingers and toasted one side of their bodies while the other side slowly congealed, then turning around the operation was reversed. To make their *debut* in a hall the size of a dry goods box, was rather a dash upon the dignity of the members of the club. If the people of North Amherst think the club did themselves justice under these conditions, they are quite mistaken, and if dissatisfied in any way with the concert, they have only themselves to blame.

A LAMENT often heard from men in both public and private life, "Would that I had the power to express myself" is one that this college is fast trying to remedy by the work required in the department of English. To assist in this good work various prizes have been offered by different persons, as incentives to excellency in composition and delivery of English prose or poetry, either original or selected. Perhaps the first important prizes in this direction were the Farnsworth prizes, a gold and a silver medal awarded to the two best speakers from the Sophomore and Freshman classes. Since 1885 the Kendall prizes have taken the place of these. This contest is one of the pleasantest numbers on the programme for commencement week. A number of different prizes have been offered to members of the Senior class on several occasions. Thus it will be seen that the Juniors have had less opportunity in this direction than any of the other classes. Within a few days, President Goodell received an offer which will remedy this defect. Charles L. Flint of the class of '81 offers to the members of the Junior class two prizes, \$30 and \$20 for the best original composition, to be spoken perhaps during

commencement week. This is a step in the right direction and deserves the hearty thanks, not only of the Juniors, but of the whole college.

WHY so few men forward literary contributions to the college paper is a most puzzling question. At this period of the year, and of the winter term with the close of which the college journalistic year terminates, it seems quite strange that there is exhibited so little competition for positions on the board of editors for the coming year. One would almost think that some men, men who have even expressed a strong desire to enter upon the editorial staff, expect to reach that position by their good looks, graceful manners, or by some minor accomplishments. Or perhaps sometime in the past, they each wrote an article for the paper, it was published, and therefore they judge that to be quite sufficient evidence of their literary ability. Do not let such ideas master you. On the contrary, if you have a desire to be an editor the coming year, and all of us should, don't be afraid to own it and above all, show by your writing that such is your ambition. Undoubtedly, there are men in every class perfectly eligible to the board, but who, through indolence or lack of self-confidence, never make even an effort to have their writings published in the LIFE. In this particular there must be a reformation on the part of the majority. Every man should prepare such commendable articles for each succeeding issue this term, that his ability may not possibly be overlooked. In no other way can the paper secure the best results, nor can the most capable men be chosen for the new board of editors.

A MARTYR TO PRINCIPLE.

"I would not use tobacco, sir,
It is a filthy weed;
I would not put it in my mouth,"
Said little Robert Reed.

So Robert hastened to a store,
Much to his friend's regret,
And, laying down a one-cent piece,
Received a cigarette.

EX.

The Boston University Index shows an increase in students for the past year of about one hundred. There are 1033 in attendance at the University.

Contributed.

THE AGRICULTURAL COLLEGE OF NORTH DAKOTA.

The "Aggie" College of North Dakota is one of the "land grant colleges," founded by an Act of Congress, July 2, 1862, establishing an institution in each state which shall, "without excluding other classical and scientific studies and including military tactics, teach such branches of learning as are related to agriculture and the mechanic arts."

The college buildings are situated on a farm of 640 acres belonging to the college and joining the city limits of Fargo.

The Government Experiment Station is located on the college grounds and maintained, as all others are, by an appropriation of \$15,000 a year from the United States Government.

The "land grant" has an endowment fund of \$1,300,000, but as yet no income is derived from this amount. An income of nearly \$40,000 is received from other sources.

Dr. Horace E. Stockbridge is president of the College and director of the Experiment Station. He was graduated from the M. A. C. in the class of '78, and later, from the University of Göttingen, Germany, and having been connected with Agricultural Colleges for the past twenty years he is well qualified for his present position.

The College was opened January 6, 1891, when a class of thirty entered to pursue a special farm course. The regular course of four years includes the following subjects: The English language and literature, mathematics, military tactics, agricultural chemistry, animal and vegetable anatomy and physiology, the veterinary art, entomology and geology, political, rural and household economy, moral philosophy, history, book-keeping, horticulture, and especially, the application of the sciences and the mechanic arts to practical agriculture.

In addition to the regular course, there is a special course of twelve weeks held during the winter. This course of instruction in practical agriculture was opened for the benefit of those young men who had neither the time nor the inclination to attend the full course and who could devote the time in winter when they were not so busily occupied.

As the College is a public institution, instruction is free to all residents of the state. To further advance the special course, one scholarship entitling the holder to free room rent for the entire term is placed at the disposal of every grange or farmers' organization and also each member of the Legislature.

The corps of instructors consists of ten Professors and assistants. In addition to regular work of the instructors, the students in the special course have the benefit of lectures delivered by professional men and farmers upon such subjects as "Business Methods on the Farm," "Irrigation," "Economic Entomology," and a "Consideration of Special Crops and Methods adapted to North Dakota."

The College is located in a section of the country noted for its agricultural value and principally the wheat crop.

The city of Fargo is situated on the Red River of the North and is one of the growing cities of the Northwest.

OUR GREAT DUTY.

When I look forward to the probable growth of this country, with her wonderful gifts of nature,—the majestic Rocky mountains, the tumbling cataracts of high northern latitude, the placid waters of the Mississippi, Missouri and Ohio rivers, and the boundless prairies of the west; when I think of millions of young men who are so educated as to promote a civilization still higher; of the powerful impetus of improvement and glory embodied in this new world; of the freedom of people under a confederate government—though so complicated; so full of checks and balances—over such a vast extent of territory, with so many varied interests, and yet moving so harmoniously; of the vast field in which religion, science, literature and art have attained their rapid growth and will continue to their utmost maturity as far as the unfettered powers of man may achieve; of the godly influence of her mental conquest, which you, the young men of the nineteenth century, have received from the history of your fathers, over the nations upon the globe;—when I think of all this, can I help, even for a moment, from bedewing my cheek with a streaming grief for the destiny of my beloved country where I could have sought none of these signs of national prosperity?

Oh thou misdirected ship of forty millions of souls! Can'st thou affright me so that I would desert thy trembling bosom for the sake of my own security? Nay! No matter how rough the waves would be, there is still a hope that binds me fast to the mast. Should I shrink from the great exertion for saving millions of souls? Nay, my soul is not dear to sacrifice for the sake of national prosperity. Nothing can make me forsake thee, oh ship! I am resolved to be the nation's friend. I have the hope of compass with me, and I shall direct thee into the current of civilization to run the common race of national advancement.

You think I am too proud to make such a statement as this, but I tell you earnestly that there is no nobler end for a young man than to trust himself and his success to whatever he wishes to achieve. However, to accomplish anything in the promotion of human progress is by no means attainable without efforts. It wants faithfulness, diligence, and economy of time.

Let us not forget that the loss of a firm national character, or the degradation of a nation's honor, is the inevitable prelude to her destruction. Behold the great empire of Rome which flashed its helmets and shields over every part of the Eastern continent; the ruler of mighty kingdoms swept by the majestic wind of her triumphal chariots; her brazen eagle waving pompously over the ruins of her prey. Where is her splendor, her wealth, her power, and her glory? They were not more than the silvery dew on a morning-glory.

Again I recommend you, the students of this college, to prepare for your duty towards your country while you are young, or I should say, while you are in the course of study in this college, for time and tide waits for no man. The time, in which the world calls for your knowledge, will approach soon like a dream. The great responsibility for you to lead the public opinion wherever you may be, is waiting for your disciplined powers.

Your duty is at least to preserve the greatness of this country, while mine is to establish the foundation of our national prosperity. Yours is no easy thing, for if you lose your standard, the progress is backward; but for me there is no danger for it is now in the utmost degradation.

In conclusion, let me say that it is well for us to

carry Christianity in our studies for this is the great main-spring by which we may fit ourselves for our future work.

S. KURODA, '95, JAPAN.

THE IMPORTANCE OF ENGLISH IN A COLLEGE COURSE.

The object of the educational institutions of the present day is to fit youth for the duties of life. A college education should enable a man to occupy a prominent position in the community, to make him a leader of his fellows, and to enable him to set an example worthy to be followed. Although a vast number of men have won fame and honor without the aid of such an education, there is no doubt that a college diploma is one of the stepping stones to success.

The kinds of education thus offered are as numerous and varied as the institutions themselves, so that good judgment should be used in the selection. Thought may be said to be the first element of success. If this is true, expression of thought is certainly the second element. The young man who is determined to succeed in life should select the course of study that will enable him to give the best possible expression to his thoughts. Expression of thought is brought about by the use of language, hence the great necessity to the American youth of a thorough familiarity with the English language and literature.

The dead languages have formed a most important part of the course of study in classical schools and colleges. Such institutions would at once lose their character were these branches of learning to be removed from the curriculum. On the other hand, at the scientific and technical institutions little Latin and no Greek is required. Although a knowledge of these languages is valuable in many ways, and in some cases a necessity yet a student should carefully count the cost, before deciding to seek it himself, whether or not a thorough study of the English language and mastery of its use would not be far more beneficial to him than a dearly acquired knowledge of Latin, Greek, or Sanscrit.

Andrew Carnegie, the noted millionaire, in a recent article entitled "How to Succeed in Life," severely criticises the present system of college and

university education. He says, "All things are improving in this age. Changes are rapidly effected. In the universal movement forward, no long established system is being more vigorously attacked throughout the world than the classical system of education. Even at the most venerable of these monastic seats of learning, Oxford and Cambridge, the attack has almost reached success. Old England is rising to a just estimate of the grievous wrong done in the past by those who have controlled the education of the people. It is certain that only a few short years are to pass before these useless dead languages shall be no longer required."

Although this view of the matter may not be generally accepted, there is no doubt that in a great many cases a good practical education, including a thorough knowledge of English, would do the student much more good than years of study concerning ancient Roman and Greek literature. English is the language of the world, and he who commands English, influences thereby the Anglo Saxon race and its many tributary peoples, and so gains for himself the vantage point of success.

The Massachusetts Agricultural College is a scientific institution. Consequently the mastery of dead languages does not form a part of the course of study. No one wishes to deny that a knowledge of the rudiments of Latin is helpful both to the study of English and of the sciences. On this account some attention is paid to Latin in the course. The object of this college is to fit its students to fill positions of trust where they will find a use for the knowledge which they have acquired of agriculture and the sciences. The value of the power of expression to the scientist is evident, hence it should be the duty of every M. A. C. student to make the most of the opportunities offered him by the department of English. The present course of study provides for exercises in declamation and English composition in the Freshman and Sophomore years. In the Junior year the subjects studied in this department are rhetoric and English literature. During the Senior year exercises in composition are continued together with original debates. The facilities at hand for helping the students in the English department, while perhaps not as good as can be desired, are valuable, if properly used. The college library contains many of the standard works of

English and American authors, together with a large number of books of reference. Among those of the latter class, the Century dictionary deserves special mention. With all these facilities for the study of English all that is lacking is the proper incentive for work. To fulfil this want, we have the Kendall prizes for declamation offered to the two lower classes, while in the Senior year the honors afforded by the commencement appointments constitute a still further inducement for study and practice.

For many years the Junior curriculum has been very deficient in such incentives for the study of English, the only prizes offered being one or two by some members of the faculty for exercises in composition. However, this need has lately been supplied by an offer to the college, from Mr. Charles L. Flint of the class of '81, of two prizes of thirty and twenty dollars to be awarded to members of the Junior class for excellence in declamation and composition. With this timely gift there should be an increased interest in the department of English. Let every man take advantage of the opportunities thus offered, and strive to do his best, realizing that the experience thus gained will be of great benefit to him in after life.

SONNET.

As daily I attempt to climb
Up learning's ladder, oft I raise
My eyes above, and lo, behold,
A wondrous form rewards my gaze.
'Tis Maud!

Divinity unknown, I fain
Would learn thy nature, feel thy spell,
Would con thee as an open book,
And of thy merits clearly tell.
Fair Maud!

Thine image haunts my dreams by night,
I burn the midnight oil in vain,
For pen and ink refuse outright
Thy charms unnumbered to explain.
Cruel Maud!

Oh, ghastly form why wilt thou stay?
Vanish! or in despair I'll fling
My note-book, and above thy bones
Thy requiem I will glad sing!
Exit Maud.

COMMUNICATION.

DEAR FRIEND:—Received your letter a few days ago asking for a description of the changes that have taken place at "Aggie" in the last ten years. I was present last week, as you know, at the commencement exercises and '92's tenth annual reunion and supper. All but two members of our class were present, a better showing than we have had since 1892. The changes at the college are quite marked. The number of students has a little more than doubled since electives were introduced into the curriculum. With the advent of electives came a number of new instructors and at the same time the work in several of the departments was divided, thus enabling the instructors to aid in carrying out the university extension idea established a dozen years ago. But perhaps the most noticeable changes are the improvements of the grounds and buildings.

The pond east of the buildings is now considered a permanent addition to the beauties of the place. Several attempts were made to dam that brook, but all were unsuccessful until stone was used as the building material. Here the Aggie polo team each winter upholds the honor of the college against all comers. The larger part of the ten acre lot about the pond has been laid out as the much talked of Massachusetts garden. Beginning with the pond as the center, on either side among the splendid gravel walks and drives are found specimens of nearly every plant native to or introduced into this state. Even the commonest weeds have their places in the garden and are confined within their proper limits. This part of the farm affords a fine opportunity to one who is interested at all in botany to become familiar with the names and faces of all his floral friends, as each specimen is labeled as soon as it is planted. The mud of the botanic path is now replaced with a concrete walk flanked by granite curbs. The trees along the way have become large enough to completely shade it so as to make the walk from the college buildings to the botanical department one of the pleasantest in the vicinity of the college.

The "electrics" between South Amherst and Sunderland with branches to Leverett and Shutesbury have been in successful operation for several years, and bring many visitors to Aggie. Turning to the buildings we find them all lighted by electricity. In

connection with the electric lights there is in each apartment in the dormitories an electric alarm which rings for fifteen minutes, or until stopped before the breakfast hour thus preventing any excuse for tardiness to that meal. North college has been greatly enlarged and improved in order to give each student a well lighted and ventilated sleeping room. South college remains about the same. The weather observatory still occupies the upper story of the tower. Only one or two instruments have been added to the equipment but the methods of work have been greatly improved. A United States signal service observer has charge of the office which is in direct telegraphic communication with the department at Washington thus enabling it to display forecasts of the weather each day. That wonderful instrument the electrometer, after standing idle for over eight years, was, two years ago, put into running order and results have been obtained which if they continue to point in the same direction may be of the utmost value. A short time after the old chapel and laboratory was burned, which happened two years after we graduated, a large granite building with trimmings similar to the new chapel was erected. The four black clock faces on the chapel tower formerly so stupid and unintelligent have lost their black look and become enlightened by the introduction of a new electric clock. The faces themselves are luminous and silently warn the erring one that he should not keep such late hours. Below the clock in the belfry a firm but sweet toned bell has been placed, purchased by a fund started by the patriotic class of '94 just before they graduated. In the drill hall, hard wood has taken the place of the old cement floor, and here the several military hops during the winter are the social events of Amherst. In the military department the changes are very marked. Each student is obliged to wear the prescribed uniform on all occasions during the course. Mortar practice, bayonet exercise and guard mounting have been re-established in the course. Cavalry tactics have become an assured thing since the purchase of a herd of horses three years ago. The whole college, under military discipline spends the first week in June, annually, encamped at the foot of Mt. Toby.

A word about the sports. "Aggie" has

steadily improved in foot-ball since the fall of 1890, and was three years ago allowed to enter the inter-collegiate association. Last fall she came out third best in the race for the pennant. There has not been such great advancement in base-ball, probably because of lack of interest as well as mismanagement of the team, for there seems to be plenty of good material. The old campus, foot-ball and base-ball field combined, was overhauled a few years ago, leveled off and returfed and now even Pratt field cannot boast of a better foot-ball ground.

Hoping that this will give you some general idea of the progress made by our *alma mater* in the past few years, I remain, ever your loving friend,

AGUSTUS.

IN MEMORY

OF OUR BROTHER HARRY FESSENDEN TUTTLE,

Who Died in Amherst, Feb. 4, 1892.

Whereas, It has pleased our all-wise Father to take to his sheltering care our friend and brother Harry Fessenden Tuttle, be it

Resolved, That his pleasant and sympathizing manners have endeared him to us and to all who knew him, and be it further

Resolved, That we, his society brothers, extend our heart-felt sympathy to his bereaved relatives, who in the midst of their sorrow can find consolation in remembering that he has left behind him a character of honesty and uprightness, and be it further

Resolved, That a copy of these resolutions be sent to his relatives, and that copies also be placed in the Fraternity Records and publication, and in the AGGIE LIFE.

F. H. HENDERSON,	} Committee on Resolutions for D. G. K.
F. I. PARKER,	
E. H. LENHERT.	

N. H. S.

On the morning of January 30, about 20 students availed themselves of the opportunity offered by the Natural History Society, of a visit to Appleton Cabinet of Natural History at Amherst College. Upon arriving at the museum we were met by Prof. Tyler who gave us a cordial reception. He then proceeded to show us the collection, pointing out objects of special interest and explaining them in a manner pleasing and instructive to all. In connection with the museum building is the east wing, containing, on the lower floor, the recitation room and reading room, in which is a reference library of works on

Natural History. The second floor is occupied by the Senior and Junior laboratories. About noon all returned to College expressing themselves as being well pleased with the morning's outing.

There was no regular meeting February 1, as the above was taken in its place.

"POLLY."

She fluttered gaily down the hill
That merry, dimpled lass—
She hurried singing down the hill,
And then she loitered by the mill,
And saw the bubbles pass,
Made double in the glass
Of the mirror of the water, greeny still.

She heard a sparrow pertly cry,
She smelt the new-mown hay,
She felt the sunshine in the sky,
As lightly she went skipping by,
A-down the sunny way—
'Twas like a holiday—
The keen, expectant sparkle in her eye.

And Cupid's wings were on her feet,
As nimbly she ran down,
And Cupid's wings were on her feet;
For pretty Polly went to meet
Her lover in the town.
She wore that lilac gown
That made him say—oh, nothing to repeat!

EX.

PRAYER-MEETING TOPICS.

- Feb. 10—The Greatness of Love. I Cor. 13:1-13. A. E. Melendy.
Feb. 14—Missionary. The Stewardship Entrusted to us. I Cor. 9:15-27. J. Baker.
Feb. 18—Making the best of Circumstances. Acts 16:23-25; 27:43-44; Phil. 4:11-22. H. D. Hemenway.
Feb. 20—Looking Forward rather than Backward. Luke 15:15-24. H. D. Clark.

The authorities of Wesleyan University, where both sexes are admitted, have undertaken to regulate calls among the students. A printed form has been issued which the young men who desire to call on the young women of the college must fill out and return to the faculty. They can make only one call in an evening and can call only once a week on the same girl.—*Ex.*

College Notes.

—Have you tried the new piano?

G. F. Curley has been elected Base-Ball captain *pro tem*.

—The farm has closed its ice cutting labors for this season.

—The Glee club is to sing at North Hadley on Friday evening.

—E. L. Boardman, '94, had quite a severe attack of tonsillitis last week.

—Editor-in-chief Crane has been sick at his home for a number of days.

—The Seniors were examined in *Materia Medica* the first of this week.

—Major Clark will assist in the Saturday morning inspection hereafter.

—The College Orchestra will hereafter be known as the Cadet Orchestra of Amherst.

—Rev. Henry Hyde of Greenfield occupied the College pulpit Sunday by exchange with Dr. Walker.

—The discipline of the military department will be more strict in the future than it has been in the past.

—White, '94, who has been seriously sick with typhoid fever has recovered so far as to be able to sit up a part of the day.

—The next lecture in the Amherst College lecture course will be delivered Feb. 12 instead of Feb. 15 as was formerly announced.

—Hubbard, '95, whose room-mate was ill with the mumps, returned to his home last week at the urgent request of his parents.

—The College Shakesperean Club pictures were taken last Friday by '92's class photographer, G. Waldron Smith of Boston.

—The new library rule, limiting the lease of books to three weeks, is being strictly enforced to the gratification of the great majority.

—Dr. Goessmann was absent from College two days of last week while attending a meeting of the State Board of Agriculture held at Boston.

—Once more we note the departure of the pond. It would almost puzzle a mathematician to calculate the number of times the dam has been rebuilt.

—At a meeting of the foot-ball directors held recently, J. R. Perry was elected captain and F. H. Henderson manager of the team for the season of '92.

—The number of black eyes and the crippled condition of several men after the campus battle last week, showed that the cadets do not lack in courage.

—Ballou, '95, who has been ill with the mumps for the last three weeks has so far recovered that he went home Saturday where he will remain until he is able once more to take up his studies.

—Dickinson, '95, slipped upon the steps at the boarding house last week and suffered a sprain of the hip. It was promptly attended to, however, and he is now convalescent.

—Charles L. Flint, '81, offers to the Junior class two prizes of \$30 and \$20 for the best original oration which shall be delivered at a prize speaking to be held sometime during Commencement week.

—The Glee Club gave a concert at North Amherst last Friday evening, being assisted by the College Banjo Club. They were greeted by a crowded house who showed their appreciation by requiring repeated encores.

—E. C. Hovey, secretary of Mass. board of managers of the World's Columbian Exposition, and Francis H. Appleton, chairman of the sub-committee, visited the College Jan. 26 to arrange for exhibitions from the College and the Hatch and State Experiment Stations.

—The funeral of Harry F. Tuttle, a former member of '91, was held Friday afternoon at the house of Prof. Stockbridge in Amherst. The funeral was attended by a delegation of the D. G. K. fraternity, of which he was a member, and music was furnished by the College Glee Club.

—At the regular meeting of the W. I. L. S. held Jan. 29, the question discussed was: Resolved that Chinese immigration should be prohibited. The disputants were, in the affirmative, Spaulding, Drury and H. D. Clark; in the negative, Kuroda, Gifford and Hawks. After a lively debate the weight of argument was decided in the affirmative. As the time was limited it was voted to continue the debate at the next meeting. Mr. Sanderson gave a reading previous to the debate, which was much enjoyed by all.

—Prof. A. J. Bondurant, the newly elected professor of Agriculture at the Alabama Polytechnic Institute at Auburn, Ala., visited this college last week, with a view of investigating the several departments.

—An effort has been made by the students to have the inspection of rooms changed from Saturday morning to Friday afternoon immediately before drill. Such an arrangement would be of great advantage to the students as it would give them the entire day Saturday free from college duties. We regret to say, however, that the matter did not meet the approval of the Faculty.

—Last Wednesday witnessed a snow-ball battle upon the campus. It took the place of the regular drill and was conducted as nearly as possible on military principles. Companys A and B were lined up on one side of the campus and C and D upon the other. After a hard fought battle in which both sides showed pluck and courage, companys A and B were declared to have won the day.

Alumni Notes.

William C. Parker, Attorney-at Law, 53 Tremont St., Boston, Mass.

H. E. B. Waldon, '79, has taken a position with the New England telegraph and telephone company at Jamaica Plain; address, 17 Oakland St.

Charles S. Howe, '78, professor of mathematics at the Case School of Applied Science at Cleveland, Ohio, was in town last week.

Arthur A. Brigham, '78, formerly professor of the Sapporo Agricultural College in Japan, has accepted the position of Professor of Agriculture at the Dakota Agricultural College at Fargo, N. D.

C. B. Bragg, '75, Supt. Grasselli Chemical Works, Cleveland, O.

Charles Rudolph, '79, Lawyer and Real Estate Agent, 41 Law Building, Boston.

INTERCOLLEGIATE.

The Harvard Republican club has 825 members.

The Brokaw memorial field at Princeton will cost about \$40,000.

The Yale alumni association has an annual subscription of \$8000.

Brown University will be represented at the Columbian Exposition at Chicago.

The University of Pennsylvania made a profit of \$3500 on the last football season.

There are 102 instructors on the Faculty roll of the Boston Institute of Technology.

Harvard will play two games of football with Princeton during the coming season.

A. X. PETIT.

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There are 106 universities and colleges that are represented in the Yale graduate school.

The University of Pennsylvania has added ten men to its faculty list during the past year.

Of the one hundred teachers which the Chicago University is to have all but six are Americans.

Oberlin offers nineteen courses in University Extension. Each course is to include six lectures.

Chauncey Depew, Yale '56, will preside at the Yale-Harvard debate which is to be held March 28th.

The students of the University of Iowa are prospecting for a foot-ball game with Chicago University next fall.

The largest salary paid to any college president is that received by President Jordan. The amount paid is \$15,000.

The Faculty at Cornell dropped, at the close of last term, seventy-one men who failed to reach the college standard.

A new college at Newport, R. I. to be called Coles college is the outcome of a \$150,000 bequest for that purpose.

President Elliot of Harvard is credited with saying that in proportion to the numbers, the West sends more men to college than do the Eastern states.

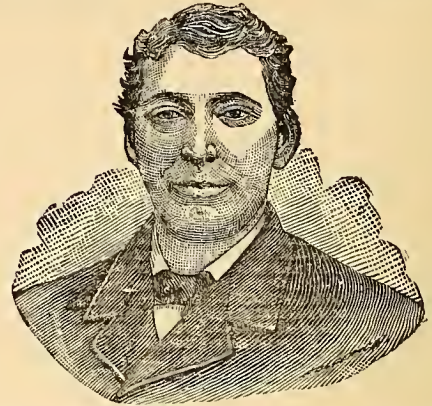
The 1891-92 catalogue for Wesleyan which has just been published shows a total of 266 students. Four professors have been added to the Faculty during the year.

The Faculty at Princeton has decided that unless a special student has been at the university at least two terms he shall not be allowed to play on any athletic team of the college.

Brown is contemplating the purchase of land sufficient for a new athletic field, and has appointed one man from each of her athletic associations to form a committee which shall consider the matter.

At Brown there has been offered a prize cup to the best drilled class team in the athletic exhibition which is to be held there this winter. The cup will become the property of the class successfully winning it two years in succession.

Two of Cornell's professors have recently resigned their positions to accept professorship in the new University of Chicago at a salary of \$7000 a year each. Another professor from the University is likely to go to Stanford University in California.



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Contracts have been given for the new dormitory which is to be built at Vassar. The building will be of brick and will be as nearly fireproof as possible. It is calculated to contain rooms for 200 students.

The class of '42 of Dartmouth, which is the largest class that college ever graduated, will celebrate its semi-centennial the next commencement. Of the original eighty-six there are only thirty-seven now living.

The committee on site for the removal of Columbia college, in making their report eloquently set forth the advantages of the situation they have chosen. The site proposed, compared with other college grounds is about the size of the Harvard yard and nearly twice the size of the Yale campus. The financial problem is the only drawback for the removal of the college to the grounds chosen, which will cost about \$2,000,000, and Columbia, although the most richly endowed college in America, is unable to advance more than half this amount. Strenuous efforts however will be made to procure the amount needed.

NOTICES.

Mails leave the college for the post-office at 1 P. M. and 7-40 P. M. on week days. On Sundays it leaves at 4-45 P. M.

At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M.

Springfield, New York, Washington, Southern and Western states, 7-45, 10-45, A. M. 4-00, 6-45, 8-30 P. M.

Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10-45, A. M. 4-00, 6-45 P. M.

Fitchburg, North Adams and the North, 8-30, 10-45 A. M. 4-00, 6-45 P. M.

Northampton and Holyoke, 10-45 A. M. 6-45, 8-30 P. M.

Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

The President will be at his office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 2-30 to 3-30 every afternoon except Saturdays and Sundays.

The college library will be open from 2 to 4 P. M. every day except Saturday; 8 to 12 A. M. and 1 to 4 P. M. on Saturdays. Also every evening from 6 to 8 o'clock excepting Sundays.

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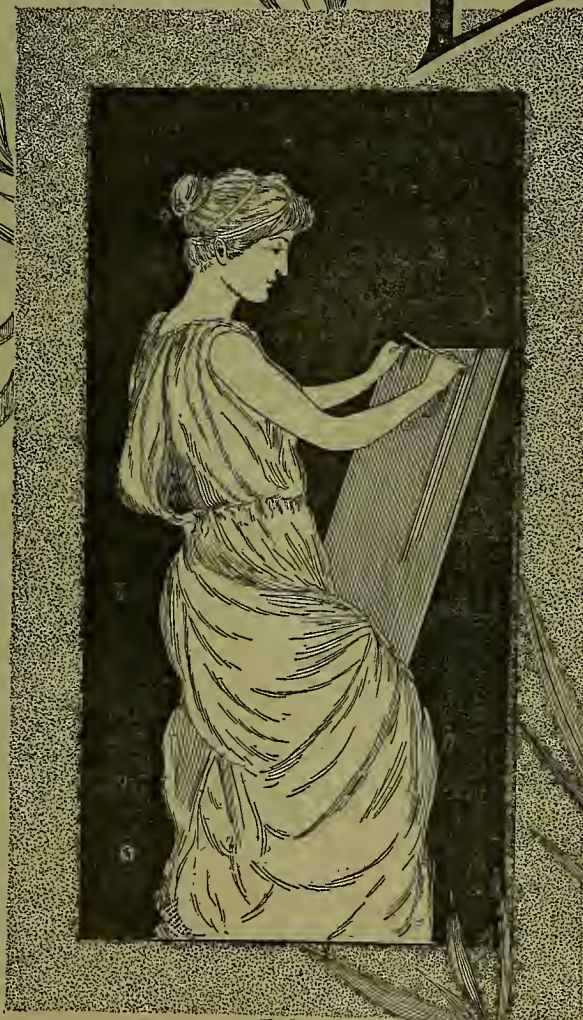
Massachusetts Agricultural College,



Amherst, Mass.

C. H. Fernald

AGGIE LIFE



J. STURGIS. BOSTON.

VOL. II.

AMHERST, MASS., FEBRUARY 24, 1892.

NO. II.

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NO. 5 PHOENIX ROW,

AMHERST, MASS.

AGGIE LIFE.

VOL. II.

AMHERST, MASS., FEBRUARY 24, 1892.

No. 11

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Editorials.

THE newly introduced system of demerits in the military department has produced an effect almost beyond expectation. The system has been in force scarcely two weeks yet the excellent order in the ranks and the strict discipline maintained by the officers is producing a marked change in the battalion drill, quite in contrast with the disorderly spirit which for sometime past has been rather on the increase, and has detracted so much from the appearance of the corps. The military exercise demands work and that work must be forthcoming from every cadet without exception, if the best results are to be expected. The new system will not only bring more interest and less skylarking into the drill hour, but it will enable the department to show a battalion at the close of the year of which it will have no cause to be ashamed.

It was with a sense that a wrong to the students was being remedied that we learned at the begin-

ning of the term that restrictions were to be placed upon the time during which books might be kept from the library. As the new rule came more into practice, we cannot fail to note how much less complaint there is about being unable to find books. A student can now go to the library with reasonable assurance that he can find that of which he is in search, while before the measure went into effect, it was the rule rather than the exception, to find the books wanted were "out." Limiting the time of drawing to three weeks prevents men from collecting in their rooms a quantity of books which rightfully should be upon the shelves of the library. It is a curious fact that seldom will a man return a library book until he is obliged to. We are glad for the best interests of the students that this obligation has been made more stringent.

"MONEY, Money, more money!" This is coming to be the general cry raised by both faculty and students, the necessity of an increase in financial resources being more and more apparent as the weeks go by. Innovations of various sorts are desirable, modern additions to the laboratories are demanded, electives are eagerly looked forward to by the alumni as well as the students, and many other improvements which our imaginations are not slow in conceiving have been considered feasible by the authorities, yet all these things must be laid on the table until the supreme court makes its decision in regard to the all important bill. It is truly provoking to realize that the money which should be circulating in the cause of our absolute necessities, is hoarded up unused in the vaults of Boston banks. The whole amount of it is, we are suspended by "red tape" and must wait until its elasticity is such that we can once more free ourselves from its unrelenting grasp. When that time comes we may justly hope to witness the establishment of new and important features in our college.

THE recent action of the faculty with regard to the glee club, in prohibiting the use of Stone chapel for rehearsals, seems like undeservedly severe treatment. If the room has been misused, it seems no more than right that investigation should be made, and that those who have behaved as gentlemen while in the room, should not be treated as though they had acted like hoodlums. It is a fact that the members of the club have taken especial pains to do nothing that would be out of order in such a place, and what slight disarrangement of furniture has been necessary, has been remedied before the last man has left. In view of the facts of the case, the prohibition is especially galling. The glee club has been recognized, both in college and in the places where they have sung, as a new and improving factor in the life of the college, and in addition to this it is a strong advertisement. When this is taken into consideration, the policy of the faculty in shutting off from their use the only proper hall for practice which the college affords, seems to us like a narrow minded action, leaving all other considerations out of the question. For the glee club to receive such a set-back early in its first season, is a hard blow, and if we are to have a glee club, it ought to have the coöperation of faculty as well as students.

FEBRUARY Twenty-second! The Editor arose, rubbed his eyes, and again gazed at the big red and white calendar hanging mute and motionless on the sanctum wall. But there was no mistake; there were the figures plainly announcing the advent of another national holiday. A shade of grim determination gradually spread itself over the Editor's woe-begone countenance as he laid aside with a sigh of relief the ever present "poly-con," and took up instead the paste pot and shears. Here was one for whom the memory of the great and good Father of his Country had no charms. Others might enjoy themselves 'mid an atmosphere of truth and patriotic sentiments, but the Editor was doomed to close confinement and hard labor. The campus lay white and deserted; the students seemed one and all to have acquired a sudden and irresistible desire to "break ranks," and get out of sight. Some celebrated the occasion under the paternal roof; some of the more adventurous explored certain unfre-

quented regions around about No. Amherst and Hamp; some embraced the opportunity to copy strange physiological representations from an absent brother's note-book; some actually went to work; and some—rested. Thus passed the day, at Aggie. The silence was unbroken by the clamor of the chapel bell or the unwelcome rattle of the drum. And when at last the sun, hanging low over the western hills, broke through the grey canopy and illuminated for an instant the Stars and Stripes, the long lost spirit of patriotism returned, and when the sentiment "Who was George Washington?" was proposed, even the Editor joined in the universal response.

THE suggestion made in chapel by our President recently with regard to the college and Labor Fund appropriations, should meet with the concurrence of every student in college, not only in sentiment, but in deed. Every man here appreciates what the college is, and what it is doing for him, and now that the opportunity is near at hand for him to exert some slight influence in favor of the college which is doing so much for him, he should not let the chance pass by without letting the representative from his district know how he feels in regard to the matter. But for the munificence of the state, many of us would be unable to obtain the education which we are now enabled to work for, and with slight sacrifice on our part, to obtain. The college gives us free tuition at present. If the appropriation should not be renewed, it is doubtful if we could receive this great help. A practical scientific education is what is needed in this progressive period, and the Massachusetts Agricultural College gives to the young men of the state, just this kind of education which is so much needed. As to the Labor Fund, not so much needs to be said. Every student who is a beneficiary from it, will have his own interests so much at heart that there will be no need to urge him to let the representative from his district know of how much value it is to the student at "Aggie." President Goodell will gladly give the address of the representatives to all applicants. Write and let each of the men in the lower house know just how his constituents feel about the matter, and they will then be in a position to act intelligently.

Contributed.

COMMUNICATION.

BOSTON JOURNAL OFFICE,

FEBRUARY, 1892.

TO THE *Life* OF AGGIE:—As I read each number of the *Life* upon its bi-weekly arrival, I notice continually the call to the alumni to contribute to its columns.

I find myself, pen in hand, pausing not on the Rubicon but over the edge of an ink-stand; and as in case of the old time essay what to write about is a much vexed question.

In the first place a word of compliment is due to the management of the *Life*. I think more and more, as I look over its pages that it is, in the words of Prof. Fernald on a recent occasion, "becoming a great power in the college for good." La Grippe seems to be a popular theme this winter, and embraces many important subjects. A reporter entered this office not long since with the remark that the "grippe" had reached not only men but animals. He stated that while passing along the street, the *Journal's* old white horse got a grip on his shoulder. The incident was satisfactorily explained, however, in words originally addressed to a clergyman.

"The horse bites his master.

How comes it to pass?

He hears oft from the preacher

That 'all flesh is grass'."

Among the busy crowds which throng the streets of the Hub one cannot but be constantly confronted with amusing scenes. The more amusing as they are least expected. An old newspaper vender whose stand is on Tremont street in front of King's Chapel, one evening left an old fruit woman to watch his tiny store, and absorb the warmth of his little oil stove—for it is was a chilly, bitter night—while he went after his evening papers. The old woman's dress caught on the stove and neither the little news stand or the woman have been seen since. The poor old man returned to find the Boston fire department and a strong odor of burnt fruit in possession of the place where his choice literature had ascended in a cloud of incense. The ruined man broke down and sobbed like a child. It was not much, but it

was all he had. Thirty dollars would cover the total loss, and many of his patrons, including some of Boston's foremost men, contributed to a purse which contained much more than the amount he lost. Yet he refused to be comforted. The sacred little roof which had sheltered his head from so many days of sun and storm was gone forever!

Occasionally a new conductor is initiated on one of the horse cars, and much amusement is thereby aroused among the passengers. He apparently walks on eggs. He glances nervously up at the bell rope several times before pulling it. When he does pull it he gives the wrong signal. He sees a woman frantically waving her hand at the car, and in his jump at the bell rope misses it and nearly pitches over into the street. He handles the dimes and nickels as though they were red hot and occasionally drops one in the midst of the feet and straw on the floor. While he is picking it up the car gives an unexpected lurch and he suddenly finds a seat. He calls the names of streets and squares wrong, and spends moments of agony in making change. Yet next year he will be breaking in a new man himself, and will grow inwardly if not outwardly impatient over the extreme slowness of comprehension on the part of his pupil in the *fare* art.

The other day a lady and her extremely young daughter occupied seats in a car. A negro woman with her little girl, both of darkest hue, entered. "Look, mamma, there's a little nigger," exclaimed the first mentioned damsel.

"I isn't a nigger, is I mama?" protested the sable colored miss.

An association of Africa's sons, quite prominent in a certain section of the city had a business meeting the other night which closed with an old fashioned negro Methodist prayer meeting. At this stage of proceedings a reporter entered and prepared to transcribe the secretary's minutes, where upon the elder in charge solemnly said, "Let us sing 'Yield not to temptation,' while the reporter is taking down his notes."

The student of human nature finds much to interest him owing to the recent fall of snow in the city streets. Some people have cleared off their side-walks, and covered its icy smoothness with ashes; in other cases the ice is covered with sprawling humanity, the ashes having

been left out. Modest people, persons whose heels are unaccustomed to Carmencitian tricks, without slightest warning and with not even the music of a street band as an incentive, take up the occupation of the acrobat, and perform all sorts of convolutions. Lucky are they if no serious results follow the skyward inclination of their "Waukemphasts."

There is but one thing left to do. The mid-night electricity has gone out, and like the impersonator of noted characters, wearied of the applause of his audience, (was it an Amherst one?) who gave as his last selection an imitation of Edwin Booth "walking off the stage," the writer will impersonate the Arabs in their famous act and "silently steal away."

'89's CHESTNUT.

THE FIRST PRESIDENTS OF OUR COLLEGE.

That the success which this institution has achieved as an Agricultural College is due to a considerable extent to those who, in the first few years of its existence had its interests in charge, must be evident. And especially to the first presidents much credit should be given for the far sightedness and untiring energy with which they conducted the administration of the college in its infancy and during the years of its development, and brought it safely through this critical period of its history. Thinking that an account of the work of the first three presidents of the college might be of interest, a brief outline of what was accomplished by each for the college will be given.

In 1864 Hon. Harry F. French was elected to the presidency. Mr. French was known as a prominent agriculturist and had served the college as agent in the sale of land scrip which was the source of the income from the Morrill grant of the United States. While Mr. French was in many respects a very able man and although he accomplished much in winning favor for the project of the State Agricultural College, yet he lacked some qualities which his situation required, and failing to agree with the trustees in regard to the location of the college, in 1866 he resigned.

Prof. Paul A. Chadbourne, then of Williams College, was chosen to fill the vacancy, his term of office beginning Nov. 7, 1866. President Chad-

bourne was admirably fitted for the place and seemed at the outset to comprehend the exact needs and object of the college. Not only was he a teacher of rare ability, but in addition his power of administration was remarkable. During his short presidency, preparations for the incoming class were actively carried on; South Dormitory, chemical laboratory and the two boarding houses were contracted for, the botanic garden was laid out and the Durfee plant house begun. The course of study which President Chadbourne marked out has, with a few changes from time to time, been followed ever since.

In addition to the regular four years course, short winter courses were provided for those unable to take the full course. President Chadbourne filled his office to the entire satisfaction of all concerned and his resignation in June, 1867 on account of ill health, was regretfully accepted.

President W. S. Clark began his work for the college Aug. 7, 1867, when the future of the college presented a rather discouraging outlook. He was widely known as a close student of science, and his energy and executive ability soon brought the affairs of the institution into a very hopeful condition. The fall following his election the first class containing forty-seven men entered and the work of the college fairly began. During his administration the buildings which had been commenced were completed and the farm house and barns and College Hall (Old Chapel) were built; appropriations and gifts amounting to more than \$340,000 were made to and bestowed on the college, and with this sum the facilities for instruction and experimenting were greatly increased. Though his time was fully occupied in discharging the duties of his office, yet President Clark accomplished much in the interest of science, many of his experiments attracting wide attention. In 1876 he visited Japan to organize an Agricultural College in that country, returning the following year having successfully accomplished the work which he took upon himself for the good of the Japanese people. On his return he devoted himself to his work at the college, continuing as its president till May 1, 1879, when he resigned.

Ex-presidents French and Clark died in 1886. Ex-president Chadbourne regaining his health, in 1882 was for the second time chosen president of the college; but he lived to serve the college but a

little over a year, his death occurring Feb. 23, 1883. As long as the college shall stand, the names of these three presidents with those of their successors, by the students and friends of the college, will be honored and revered.

F. S. H.

RUSSIAN COLLEGES.

The colleges and universities of Russia belong to the State and are under the full supervision of the government. These Russian institutions from which the educated people of the country must graduate, have in their present form the one main object of employing the students at all times, and compelling them to study such sciences as may give them the least opportunity to indulge in the opinions of authors, who treat upon political and civil operations and free government.

The government tries by all means in its power to prevent the student bodies from obtaining the least glance at any work or article which would tend to brighten the youthful eye at thought of Russia's independence. This means is accomplished in numberless ways, the most prominent one being by means of the strict laws which govern the various educational institutions. By these laws the Russian student is indeed made an object worthy of pity. He is as a slave of the government, watched and tormented by the Czar's secret police, and every where considered by them a person of suspicious character.

A student must be under the strictest discipline, must be continually studying, and in all cases he must acknowledge that the Czar is the mightiest living person. His failure to do these things insures a short career and a stormy future. He is certain of being left in a lower class when his comrades, perhaps inferior to him, are advanced. A number of such failures, which are caused by the slightest misdemeanor upon the part of the student, results in the expulsion of the individual from the institution, as well as from every similar body. Here can be seen the reason why an educated Russian is always thoroughly educated.

These laws are so strict that even the presence of a simple debating manual in one of the student's rooms is sufficient crime to cause him to be confined solitary, to be debarred from educational institutions thereafter, to serve in the lowest capacity in the

government troops, and to be continually under the supervision of the secret police.

Instructors and professors are all pledged to act as agents for the Czar's police and to notice all irregularities of the youths under their charge. This condition naturally makes the student and tutor bitter enemies and causes each to regard the other as a foe. This is of course detrimental to the work of both; but the nobility say: "The Monarch's safety requires it, as the student is Russia's worst enemy. Education opens their eyes and shows them the follies and crimes of a monarchy."

But in spite of all this hatred, the etiquette of the student toward the instructor must be of greatest respect, whether enemy or friend. There are exceptions among the tutors, some are very gentle towards the student, but they soon lose their employment as the government harbors no attachment between pupil and tutor. This fear leads even the most worthy instructor to quickly become corrupt in order that he may support his family. The nobility in all cases are treated with respect which is denied the common student, and it is seldom that one of the former is expelled.

Since the administration regards as best the professor who uses the most severity with the students, therefore it seems to be their main object to examine and trip them. This unfairness rouses the anger of the students and they wait and plot for revenge. Often they make uprisals against the government for justice, but their efforts only result in execution or banishment to Siberia. So often do such instances occur that it is now against the law for more than a dozen students to congregate in a public place. Quite often do we now read of these small uprisals and the immediate quenching of their youthful lives, they who have succeeded in obtaining one faint hope of Russia's liberty, but who so soon see it glimmer and disappear.

The preference of the rich over the poor, as before mentioned, has become especially noticeable by the recent circulation of the report of the Minister of Education, in which he prays and advises the discontinuance of the education of the poor, as he remarks, "It will sometime cause the fall of Russia, if continued." Such is the moral and tyrannical condition of the Russian colleges, and such are the relations between faculty and students. But this

has not always been the state of affairs, because there was a time when the institutions had the sympathies and help of society and when universal harmony existed. Ten years of oppression has changed them radically, until at the present time their benefits are praised by no one, and their opportunities undesired by young men.

The Secret Order of the Nihilists is well known to us as the terror of the Russian monarch and nobility. What is it that causes this terror? It is simply an attempt to reform the present degraded style of government and establish in its place another, which among its benefits will give freedom of reasoning and opinion among the students of the Empire. This is the great reason why the students take such a great part and interest in the mysteries and objects of this great order.

The contrast between this system of education and our own is quite marked and shows the cause of the greater part of the ignorance of Russia's people as compared with the compulsory education laws of our land, and the general desire to obtain knowledge.

T. F. K.

MILITARY.

For the purpose of increasing discipline in the corps, the following system of demerits will be introduced to take effect immediately.

The receiving of five demerits will cause any cadet to have an extra drill of one hour on Saturday forenoon after inspection.

Any cadet committing any of the offenses named in this order will receive the number of demerits indicated in this order after the offense.

All reports given to cadets will be posted on the bulletin board and cadets will be allowed one week to give such excuse to the Commandant of Cadets as they may have. After one week all reports not removed by the Commandant of Cadets will stand as unexcused.

The Cadet Major, the Cadet Captains, the Cadet Adjutant and the Cadet Quartermaster are hereby directed to report all cadets guilty of the following offenses:

Absent from drill,	Five demerits
Late at drill,	Two "
Appearing on drill without the proper uniform,	Two "

Appearing on drill with dirty collar, gloves or boots,	One "
Not saluting superior officers before speaking to them on military business,	One "
Not observing "place rest" properly,	One "
Raising hands in ranks while the company is at attention,	One "
Inattention at drill,	One "
Chewing or spitting in ranks,	One "
Creating any disturbance while on extra drill,	Two extra drills

THE GYMNASIUM.

To one who enters a first class gymnasium for the first time, the complex apparatus, machines, and bars must give the impression that the gymnasium must of necessity be a very expensive and complicated affair. True, the apparatus of the Hemenway and Pratt gymnasia is very costly. In these may be found devices and instruments for developing almost every muscle of the body. This apparatus is so arranged as to give the exercise in as enjoyable a manner as possible, and to develop each muscle systematically and to the best advantage. Our gymnasium would, doubtless, have more of this were it not for the military drill which takes the place here of the gymnastics of other colleges. Yet drill does not sufficiently exercise all the muscles which might be developed in a gymnasium. One of the teachers of the Boston gymnasium once said: "Four bare walls and a floor, with a well-posted instructor, is all that is really required for a gymnasium." He should doubtless have added, "with good ventilation." It is from his standpoint that we recommend our gymnasium. We have in addition, some apparatus, and our floor is, without doubt, as large as that of any in any gymnasium in the country. As we have a Commandant of Cadets it is impracticable to have an instructor of Physical Exercise, but the amount of benefit derived from individual exercise in a simple gymnasium like ours cannot be estimated. It is true, as the Sophomores can affirm, that there are over four hundred muscles in the human body, but it does not take four hundred different movements to bring these muscles into play, on the contrary, a very few movements will bring into use nearly all of them, and these

movements may be made in a gymnasium no better equipped than ours. The chest-weights are by many considered inferior apparatus, but they are really the most important fixed apparatus in the gymnasium. It would be impracticable to give a schedule for using the chest weights and we can only call attention to their importance. A writer on physical exercise has given the following order of importance of gymnastic apparatus: the dumb-bell, the bar-bell, the chest weights, giant pulleys, and after these the traveling rings, parallel bars, flying rings, horizontal bar, and the trapeze. We have all this apparatus excepting the dumb-bells and bar-bells, and in addition, Indian clubs, which develop grace and strength in the upper portion of the body. So our gymnasium is not such an inferior one after all, and as previously said, while drill in part absorbs some of the energy which would naturally go into the gymnasium, yet we have a gymnasium in which we cannot faithfully work without reaping great results.

S. F. H.

ATHLETICS.

The officers of the Athletic Association are gratified to see the interest taken in the gymnasium this season. There are a goodly number who take advantage of the opportunity offered for using the "gym." evenings, besides many who exercise there during the day.

This is just what will lead to a successful field-day next spring, and we hope that with the advent of warm weather and out-of-door sports, the interest will not lessen.

The first competitive exercises were held Saturday, February 13, and the number of contestants was truly encouraging. Below is a list of exercises with winners:—

RUNNING HIGH JUMP.

- 1st. Clark, '95, 4 ft. 8 in.
- 2nd. Sanford, '94, 4 ft. 7 in.
- 3d. { Rogers, '92, }
 { Manley, '94, } 4 ft. 6 in.

STANDING HIGH JUMP.

- 1st. Gifford, '94, 3 ft. 10 in.
- 2nd. Green, I. C., '94, 3 ft. 9 in.
- 3d. Sanford, '94, 3 ft. 8 in.

HIGH KICK.

- 1st. Sanford, '94, 8 ft.
- 2nd. Read, '95, 7 ft. 6 in.
- 3d. Melendy, '93, 7 ft. 5 in.

25-YARDS DASH.

- 1st. Clark, '92.
- 2nd. Gifford, '94.
- 3d. Green, '94.

Of course these records were small, but remember, this is the first trial.

February 27, there will be another contest. The events will be running broad jump, standing broad jump, feats on parallel and horizontal bars, and possibly others.

Alumni Notes.

A. G. Eames, '91, visited M. A. C. on Feb. 21 and 22. He is at present general clerk and assistant to the Supt. of Mt. Auburn Cemetery.

Dickinson, '90, spent a few days at his home in Amherst last week.

C. A. Whitney, '89, visited M. A. C. last week.

Frederick H. Osgood, '78, of Springfield, Mass. has been called to the chair of Veterinary Science at Harvard College.

W. C. Parker, '80, visited M. A. C. Sunday, Feb. 14.

Fred J. McDonald formerly of '92, is taking a special course at the Ontario Agricultural College, Guelph, Ontario.

PRAYER-MEETING TOPICS.

Feb. 25.—Every day duties and efforts, Col. 3-17;

1st Cor. 10:31. Leader, H. D. Clark.

Feb. 28.—Working together, 1st Cor. 3-9. Leader

E. T. Clark.

Mar. 3.—Whole Hearted Consecration, 1st Cor.

8:9-13. Leader, E. O. Bagg.

Mar. 6.—Readiness to serve God, Gal. 6; 9-10.

Leader, C. H. Barton.

Yale's foot-ball eleven each receives souvenir watch charms of foot-ball shape, and a picture of the eleven in action, on which is recorded the story of victory in the words "Yale, 490 points; opponents, 0!"—[*Ex.*

College Notes.

NOTICE TO SUBSCRIBERS.

All subscribers who have not yet forwarded their subscriptions, will confer a great favor upon the Business Manager by sending at once, as all accounts must be settled before the new editorial board is chosen at the end of the term.

—Hubbard, '95, has returned to college.

—H. E. Crane, '92, returned to college the 15th inst.

—Aiming and pointing drill has been in order the past week.

—Mid-term examinations were in order during the past week.

—What's the matter with our orchestra? Oh! they're all right.

—E. D. White, '94, is fast recovering from his recent sickness.

—The electric lights in the Y. M. C. A. rooms should be repaired.

—Lieut L. W. Cornish lectured in Boston Feb. 10 on "Frontier Life."

—Meteorological item: Saturday, Feb. 13, 7-30 p. m., Aurora Borealis.

—R. P. Lyman, '92, is confined at his home with palpitation of the heart.

—Prof. C. D. Warner lectured at Spencer on "Road Making" last week.

—Now is the time to practice for the coming field day. May it be successful!

—The glee club have been forbidden the privilege of singing in the new chapel.

—Please return those library books on time,—the new regulations mean business.

—Prof. Wm. P. Brooks has been elected President of the Hampshire Agricultural Society.

—Prof. C. H. Fernald was in Boston last Thursday in conference with the Gypsy Moth Committee.

—The athletic association has purchased another mat and new flying rings for the Gymnasium.

—Quite a number of students practice in the Gymnasium evenings. Nine o'clock is the popular hour.

—The Sophomore class held an impromptu singing school during mechanical drawing hour last Friday.

—The members of the W. I. L. S. are busily engaged in preparing a mock trial to be given near the close of the term.

—Look out for demerits, unless you wish to spend an hour in athletic exercises under the auspices of the military department.

—The candidates for the nine practice sliding bases in the "Gym" on certain evenings of each week. Good progress is being made.

—The glee club will probably disband as President Goodell has refused them the privilege of rehearsing in the new chapel, there being no other desirable place.

—Monday, being a legal holiday, all exercises were dispensed with from Friday noon to Tuesday morning, allowing a short recess for those who wished to spend a few days at home.

—All students who desire athletic goods, of any kind; sweaters, jerseys, shoes, tennis goods, stockings, belts, etc., will save money by calling to see the president of the athletic association immediately.

—C. M. Hubbard, 2nd Lieut. Co. B, has been promoted to 1st Lieut. Co. C, vice E. B. Holland, excused from drill until further orders. A. T. Beals has been appointed 2nd Lieut. Co. B vice C. M. Hubbard, promoted.

—Hon. Wm. R. Sessions was unanimously re-elected secretary of the Board of Agriculture and Wm. H. Bowker, '71, of Boston was elected a member of the Board of Control of the State Agr'l Experiment Station in place of Mr. D. A. Horton whose term had expired.

—The Resolve looking to the continuance of the \$10,000 yearly appropriation to the Agricultural College, (Labor and Maintenance Fund) has passed the Senate without opposition and is now before the House, having been reported upon favorably by the House Finance Committee.

—Feb. 14, the debate was continued at the W. I. L. S., on the question, Resolved that Chinese immigration should be prohibited. The following

spoke briefly, affirmative, Stockwell, Hemenway, Hoyt, Morse, '95, Drury, Knight and Potter; negative, Kuroda, Henderson, '95, Tobey and Hawks.

—At the annual meeting of the State Board of Agriculture held at Boston, Feb. 2-4, the report of the Examining Committee of the Agricultural College was read by the chairman, W. A. Kilbourn, and was by vote of the Board accepted, and adopted as the report of the Board of Agriculture to the Legislature.

—Messrs. A. C. Varnum of Lowell and George L. Clemence of Southbridge, were elected members of the Examining Committee of the Agricultural College. The committee consists of Messrs. Chas. A. Mills of Southboro, P. M. Harwood of Barre, Dr. Wm. Holbrook of Palmer in addition to Messrs. Varnum and Clemence.

—The Y. M. C. A. committees have been revised as follows: Membership, Jewel B. Knight, '92, J. E. Bardin, '93, E. W. Morse, '94, G. A. Billings, '95; devotional, H. E. Crane, '92, F. S. Hoyt, '93, F. I. Parker, '94, R. A. Cooley, '95; nominating, R. P. Lyman, '92, F. H. Henderson, '93, A. H. Kirkland, '94, E. O. Bagg, '95; missionary, E. A. Hawkes, '93, J. Baker, '93, C. L. Brown, '94, S. Kuroda, '95.

—The question, Resolved, that the annexation of Canada to the United States would be undesirable, was discussed by the W. I. L. S. at the regular meeting, Feb. 19. The debaters were: affirmative, Hawks, Stockwell and Hemenway; negative, Alderman, Henderson, '95. Mr. Curtis gave a reading from Whittier entitled "Mary Garvin," which was well applauded. The question for next meeting is, Resolved that Washington was a greater man than Lincoln.

—A resident of North College it is said took an unwonted and much needed bath, but at a most unseasonable hour, a few days since. It is said a band of masked ruffians invaded his room at the dead hour of midnight, gently took him from his little bed, and to the basement of South College, where in a bathtub gently they laid him down, and with an abundance of yellow soap and coarse towels proceeded to administer a most thorough and industrial scrubbing; and it is also said, though this appears incredible, that they thus came at length

upon a complete set of underclothing which the young man supposed he lost last winter. These last rites performed, they returned their unwilling guest to his chamber, admonishing him not to be found in need of another such visit; then

Slowly and solemnly all marched down,

From his room in an upper story;

They gave not a yell, and they uttered no groan,

But left him alone in his glory.

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INTERCOLLEGIATE.

Brown proposes to organize an operatic club.

An agricultural college has been established at Washington.

Cornell has raised a fund for the starving sufferers of Russia.

Johns Hopkins University celebrated its 16th anniversary on Feb. 22d.

Dartmouth, Columbia and Williams have dispensed with commencement exercises.

Stanford University is the only American college of importance that gives free tuition in all branches.

Prof. Judson of the University of Minnesota is one of the latest additions to the faculty of Chicago University.

Both Cornell and Stanford Universities have a student congress patterned after the Congress of the United States.

Prof. Richard T. Ely of Johns Hopkins has accepted the professorship of Political Science at the University of Wisconsin.

A military company of about ninety men is to be formed at Yale under the command of Lieut. Totton, a United States army officer formerly at M. A. C.

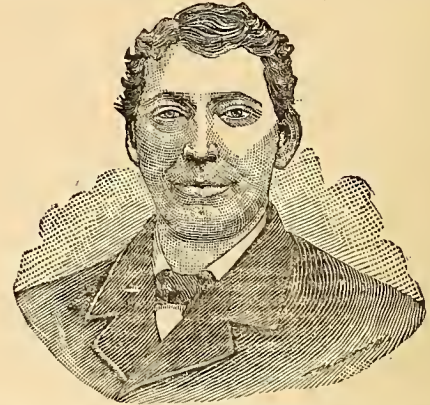
Princeton issues a paper under the auspices of the Y. M. C. A. of that college. It is devoted mainly to religious work, especially that connected with the college.

The plan by which Swarthmore College is to select its commencement speakers is that of allowing the Seniors to nominate two men while the faculty will choose four.

Hamilton College has adopted the plan of having Monday observed as a holiday in place of Saturday. It is thought that such a plan will lessen Sunday studying to a minimum.

The academic plan of Chicago University provides for no general vacation, each student being allowed twelve weeks vacation to be taken at any time during the year that he may see fit.

Chicago University has made a great acquisition to its faculty in the person of Prof. Herman E. Von Holst of Fresburg, Ger. who has accepted the senior professorship in the department of history. Prof. Von Holst is one of the historians of the century and as an authority on history he cannot be excelled.



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At a recent meeting of the trustees of Dartmouth, Pres't Bartlett presented his resignation, to take effect next commencement at which time he shall have completed fifteen years of service. The reason for his retirement is that he wishes to engage in some special literary work which his present duties do not allow him to enter upon.

The faculty at Brown have voted that for the remainder of the year no record of the Senior recitations will be kept, the standing simply to depend upon examinations held from time to time. This is the first action yet taken by Brown in abolishing the system of daily marks. Also attendance at recitations is made voluntary with the student.

The training rules of the base-ball association at Brown place upon the candidates the following restrictions: Candidates must abstain from the use of tobacco and intoxicating liquors; they must retire at 10-30 o'clock every evening in the week except one when they are allowed to stay up until midnight; each candidate must practice every week day afternoon except Saturday.

NOTICES.

Mails leave the college for the post-office at 1 P. M. and 7-40 P. M. on week days. On Sundays it leaves at 4-45 P. M.

At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M.

Springfield, New York, Washington, Southern and Western states, 7-45, 10-45, A. M. 4-00, 6-45, 8-30 P. M.

Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10 45, A. M. 4 00, 6-45 P. M.

Fitchburg, North Adams and the North, 8-30, 10-45 A. M. 4-00, 6 45 P. M.

Northampton and Holyoke, 10-45 A. M. 6 45, 8-30 P. M.
Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

The President will be at his office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 2-30 to 3-30 every afternoon except Saturdays and Sundays.

The college library will be open from 2 to 4 P. M. every day except Saturday; 8 to 12 A. M. and 1 to 4 P. M. on Saturdays. Also every evening from 6 to 8 o'clock excepting Sundays.

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AGGIE LIFE.

VOL. II.

AMHERST, MASS., MARCH 9, 1892.

No. 12

AGGIE LIFE.

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Editorials.

WE are glad to learn that finally we are to have the chemical collection of the college scientifically arranged and classified, and placed in the new cabinet. Three years ago rooms in the Laboratory building were fitted with cases suited to hold the collection. Not until recently, however, has it been possible to have it arranged. Several thousand collection bottles, of from four to thirty-two ounces have been procured and as soon as practicable the inorganic chemicals will be placed in position. The organic and industrial collections of the college will also be placed in the cabinet. Heretofore, they have been scattered partly in the laboratory store room and partly in the chemical lecture room. By bringing these all together the collection will be of far more value to the student for scientific study, than has been possible before.

Of all our college customs, the observance of Freshman night is one of the oldest. There are

few of our alumni who have not vivid recollections of this celebration as it was when they were in college. In another column we publish a communication regarding this time-honored custom. Although many may oppose the idea of abolishing Freshman night, we think it would be well for those interested to give the matter their attention. The custom is not one confined to the M. A. C.; it is found in almost every college in some form or another. After having toiled through a whole year of study, the desire to break away, for a time, from all restraints, and to have a good time is almost too much for the Freshman to withstand. Whether or not this "good time" is beneficial or detrimental to the *summum bonum* of the college is another question. Let us hear from others on the subject.

It is gratifying to note the increased interest that has been taken in the library for some time past, and especially so because to the new comer, one of the hardest things to learn is that he has a library at his disposal, and that the authorities are continually urging or recommending him to draw books or use the library for reference, and now that the students are beginning to realize what a boon they have allowed to lie idle so long, a few words about our library might not be out of place. As a library of scientific reference it is one of the best in the state, and while it does not make any claims to being as well equipped in standard English, and modern literature, through the efforts of our President, we have the privilege of drawing from the Amherst College library, so that in this branch we are fully as well supplied as we would be even if we had many more volumes of this character upon the shelves of our own library, and were shut out from the privilege of drawing from the Amherst College shelves. Our library is especially well supplied in the branches of Chemistry and Agriculture, and is by

no means poorly supplied in the other branches of science which bear on Agriculture. One recently introduced feature, that of having the library open a part of each Sunday, deserves especially favorable notice, as it makes a bright, cosy spot in which to pass the long winter Sunday afternoons. Remember that we have a library, boys. It is there for you. Use it.

THE question often arises, is the reading-room, supported by the students, returning to them as a body a sufficient recompense. Undoubtedly, it is not. The fault lies not in the room with its ample supply of standard periodicals, but in the great majority of students themselves. The monthly magazines, *Scribner's*, *Harper's*, *Outing*, *The Century*, *North American Review* and others of this class, with their carefully selected articles, are no more frequently approached by many of us than if they were placed in a library a thousand miles away. Yet here they are under our very eyes every day, and surprising it certainly is that they receive so little attention. One man will claim that he has no time for such reading. That is a good excuse, but it is of too ancient origin. The wide awake men here have time for it and they have high rank in their classes, as well. As to newspaper reading, it is condemned frequently by scientific men as being injurious to the mind, yet a taste of it would harm no one. It is no injury to a man to keep up with the times, even if he does it at the expense of a little sleep. *Puck* and *Judge* are probably the only papers in the room that receive sufficient perusal. Look at these papers at the end of a week and *Scribner's* at the end of a month. It may be that there is better paper in the latter. It would rather seem, however, that there is a considerable surplus of popularity in favor of the comic weeklies. Now let us not be partial to those publications. Especially to those periodicals universally acknowledged to be standard literature, devote a few moments time each day and it will be surprising how much general information you will have gained at the end of the year.

Pres't Elliot of Harvard will this year visit the colleges and universities of the Pacific shore in the interest of Harvard.

Contributed.

COMMUNICATION.

Undoubtedly the Freshmen are looking forward to the time when they shall celebrate Freshman Night. Having passed through two "Freshman Nights," first as a Freshman, and next as a Sophomore, we have reached a point where we can look back upon this old custom from an unbiased standpoint.

The celebration consists of first the class supper, in which they seldom meet with opposition, and second, in making more noise and a grander illumination than any of the preceding classes. The Sophs strive to hector them in every way possible, even going so far as to endeavor to incapacitate some for the night. Now this is usually a very one-sided fight, for it is much easier for the Freshmen to plan than for the Sophomores to discover their plans, and overthrow them.

Let us consider a few of the evils to the College, in general, resulting from Freshman Night. The Freshmen usually have several men out continually "watching" some object during these last few days, and often even the examinations themselves are seriously disturbed. The next day friends and relatives begin to assemble. Now in what condition do they find the grounds? The campus is littered, flower-beds are ruined, halls and walks in disorder, and rooms—"stacked." Thus the College is found in a very bad condition after all have been striving so hard, a month in advance, to have everything appear at its best. Many acts are committed and things said upon the spur of the moment, which afterwards are regretted. A great amount of personal feeling is aroused which may not be dispelled during the following enjoyable days, yes, sometimes for the remainder of the course, and perhaps never. Lastly, most important of all, is the physical condition of the men after the celebration. Three days later the prize speaking occurs. Some may think this ample time in which to recuperate. The prize speakers are usually the most enthusiastic class supporters, and although they endeavor to reserve their strength and voice, they will many times forget themselves. As a result their appearance upon the stage is not wholly creditable.

These are some of the faults, and now what is the remedy? The Freshmen could just as well have their class supper and celebration at some other time of the year, perhaps the middle of the spring term, or the second Friday before the close of the term, or, in fact, any time when it will not be so detrimental to the Commencement exercises. Better still let the Freshmen take their supper out of town, seasoning it with toasts and speeches. This course would be more satisfactory in the end and largely remedy the above evils.

This is a change which is certain to come sooner or later. The class instituting it may well subject itself to considerable comment, but when this new custom is once instituted, all subsequent classes will follow.

H. M. THOMSON, '92.

F. A. SMITH, '93.

THE MASS. AGRICULTURAL EXPERIMENT STATION.

This Station was established during the years '82-'83, but did not begin work until the latter part of 1883. Its grounds comprise about fifty acres of land, ten of which are woodland, rented from the Agricultural College, at Amherst, for ninety-nine years at the nominal sum of one dollar.

The buildings include a chemical laboratory, an agricultural and physiological laboratory, two barns and the farm house. The laboratories are built of brick, with sandstone trimmings, and are situated on opposite sides of the road between North Amherst and Amherst.

The Chemical laboratory is two stories in height and the main building is thirty by forty-two feet. The wings are each nineteen by thirty-two feet and are one story in height. From the south-east corner projects a tower, and at the main entrance is a covered driveway. On the ground floor are the offices with library, rooms containing chemical balances, and rooms for apparatus and chemicals. The second floor is occupied by the Director's office, a pleasant room situated at the southeast corner and having a large bow-window formed by the tower; a room containing a collection of fertilizers and feed stuffs, with microscopes for observation; one room is used as a library for station publications and also used as the mailing room, while still another is

occupied by an assistant. This building was built in 1886, and cost \$15,500.

The Agricultural and Physiological laboratory is three stories in height, and measures thirty-five by forty-two feet. The ground floor is devoted to microscopic investigations of parasites, and contains a protographic studio, fully equipped. On the second floor is the laboratory for use in dairy work, one room for the collection of seeds, and another is the office of the assistant in dairy work. The third floor is used to prepare vegetables for analysis. This laboratory has an improved system of transportation of plants from the green-house to the studio, constructed from plans obtained by Dr. Goessmann from Professor Hellriegel of Germany. This laboratory was erected in 1889, and cost \$12,000.

Both laboratories are fitted with the most improved instruments for the purpose of examination. Experiments with plant food on farm plants in particular is under the charge of Dr. C. A. Goessmann and the mycological work is in charge of Prof. J. Ellis Humphrey.

The work of the Station consists of field experiments, stock feeding experiments, and chemical examinations for State and Hatch Stations. Also the official examination of commercial fertilizers, and the work for the State Dairy Bureau. The latter includes milk, cream, "oleo," and other departments of dairy work.

A great variety of investigations are carried on in fertilizers, milk, water, plant foods, etc., free of expense if sent by any farmer in the state or any farmer's association. The Station reserves the right to publish the results of such examinations or analyses, and refuses to examine or analyze for parties unwilling to have the results made public.

There is issued each year a report, and four regular bulletins with circulars concerning examinations of fertilizers.

The Board of Control is composed of the Governor, two members appointed by the State Board of Agriculture, the Board of Trustees of the M. A. C., one member appointed by the Mass. Society for Promoting Agriculture, the Mass. State Grange, and the Mass. Horticultural Society; also the President of the Mass. Agricultural College, the Directors of the Station, and the Secretary of the State Board of Agriculture.

This Board meets four times a year. Three meetings are held at the Director's office at Amherst and the winter meeting, at which the report is handed in, is held in the office of the State Secretary of Agriculture, State House, Boston.

T. S. B.

COLLEGE ATHLETICS.

At this season of the year there appears to be very little interest paid to college athletics by the outside press and public. It is true that the papers of one or two cities devote some space to a discussion between colleges over an arrangement of games the coming season, and print the base-ball schedule for the Easter recess. They also contain accounts of the indoor exhibitions of the large athletic associations outside of the colleges which are slowly breaking the previous records.

However the college athlete is not idle. It is during the present season that he is hardening his muscles for the outdoor work soon to come. At those colleges situated near a river or a lake, one will find the crew at work in the tank or with apparatus designed for their needs, training for a coming boat-race. In any college "gym," you will find the candidates for the base-ball team hard at work in the cage under the direction of a "coach." Consult the publications of the different colleges and you will see that they are holding indoor athletic contests and are keeping pace with the outside athletic world in breaking records.

Many students who are prevented by the wintry weather from the usual outdoor exercise feel the need of some exercise, and enter the "gym." At first they practice simply for exercise, but soon they have a desire to excel and take an increased interest in their work.

A well-known college pitcher attained his position in this manner. While at a preparatory school he entered the "gym" simply from the benefit to be derived from exercise. Running and pitching seemed to him the most agreeable of all exercises and he worked at these two throughout the winter. When the players for the ball team were selected he was chosen, much to his surprise, as a substitute player. During a game with a rival academy, the regular pitcher was injured and he entered in his place and the game was won through his efforts.

At the close of the game he received an offer from a large American university to become the pitcher of their team.

It is to attain success that all athletes train themselves, in fact those in many colleges can look forward to the meets when they hope to win honor for themselves and their college. At this college a man knows that although his training may be of value to him, whatever excellence he attains will gain but a passing notice for him. It is said that our standard of athletics is low, but why should this be? We may not have as improved apparatus as some colleges, but we certainly have enough to accomplish something and the athletic association is certainly doing its duty.

If we had the records of those who in the past had excelled in athletics here, would not the student of the present day strive to lower these records and thus raise the standard of the college and the interest in athletics would increase year by year.

We have the men in college who can make creditable records this year, and those men who are training in the "gym" will work with more vigor if assured that there will be a field day this spring. Although our college does not belong to any inter-collegiate association, this fact should not prevent us from having field-days, and making records of our own which will place us upon a basis which will admit us into such an association. T. S. B.

A RIDE UP PIKE'S PEAK.

On a bright morning in August, a party of twenty-two mounted their horses for a ride up Pike's Peak. We left the hotel at 7 A. M., and were soon galloping along the road that leads to the toll-gate, where a narrow path leaves for the Peak.

Here we dismounted, some to pay their one dollar toll, and others to have their girths tightened by the guide. When all had paid toll and passed through the gate, we followed our guide in single file. The path led through woods, then up a steep side of a mountain range, where, if an animal should make a false step and get out of the path he would immediately go tumbling to the bottom of the gorge, down which rushes a foaming mountain stream. On we rode, each curve opening to our view a different landscape. At one time we seemed to be riding into the head of an impassable gorge, but on near-

ing the mountainside we would find another ravine, which led us farther up the mountain. At several places there were beautiful springs of water, from which we would drink and water our horses. After several hours riding, the guide, being behind pushed on past us, riding out of the path among the underbrush, by which, if not for his leggings of buckskin, his pants would have been torn into shreds. When he reached the head of our company, he put spurs to his horse and was soon at the half-way house, where we all got off, loosened our saddle girths, and took a half hour's rest.

This half-way house was so named because it is half way between Manitou and the Peak. Manitou is at the foot of Pike's Peak. We had only been eight miles, but it seemed much longer on account of the continual climbing. Behind the hotel was a pond in which several large speckled trout could be seen.

When we had had sufficient rest, we rode on, now through heavy timber, now out into an open lot in which was a stream, through which our horses splashed. After an hour or more of riding, we came to a little spot where our horses had a nibble at the grass by the side of the trail. After riding a little farther, we came out above the timber line; this is the line as high up on the mountain as timber will grow. Now, while ascending a long slope, we look and see the high ranges extending almost to the clouds. A little farther on, we come to a rocky slope, up which our horses can hardly climb, the path being so rough and steep that our stirrups scrape on the rocks and boulders on either side; but when once over this stony mountain side the trail struck the main wagon-road and in a few minutes we reach the top.

Having disposed of our animals, the guide taking care of them, we enter the summit-house to get warm and eat our scanty meal, which was carried in our water-proof bags behind the saddle. While eating dinner a storm arose and it began to snow.

After dinner, we went out on the rocks to look off. In a deep ravine close by was a great snow bank. This we could see at the foot of the mountain before we came up. Snow remains in these valleys the year round, and we were told that it snows here almost every day in the year. Before we had been long climbing about on the rocks, my

ears began to hum as though a bee were in each, and our hair stood out straight, owing to the electricity in the air, making a laughable scene.

We were soon again in the saddle and on our way down the mountain. Along the path near the summit were the skeletons of two horses which had been used on the trail in past years.

Farther down, we saw a buckskin horse which had given out and had been abandoned by the guide, because too weak to go down the trail; but this day he looked quite well grazing on the mountain side by himself.

After an hour or so another storm arose and our water-proofs were resorted to, but soon the storm was over, the sun came out to warm us and a beautiful bright rainbow appeared on the departing cloud. This storm refreshed our animals and they galloped on down the mountain to the half-way house where we again rested. The guide came hurrying up to have all stop and rest their horses but he was not quick enough, for two of our party had gone on ahead and reached the bottom long before the main body of the party, where they rested and waited for us. The guide was very angry for it was his business to see that the animals were not abused.

On the way down we met a man who had walked to within a mile or so of the top and did not know whether he would reach the summit or not, he was so tired. Farther down we met two men with a burro. This animal is one of the strongest for its size in the mountains, carrying a burden on its back heavier than itself, and will stand any amount of abuse without apparently noticing it.

When we reached the main road, our animals, realizing that they were almost home, sprang into a gallop, and it was now a race to see who would get in first. Thus ended our ride up Pike's Peak. The summit is 14,147 feet above sea level, and we had had a thirty-two mile ride on broncos.

E. O. B.

THE MODERN HERO.

His head was jammed into the sand,
His arms were broken in twain,
Three ribs were snapped, four teeth were gone,
He ne'er would walk again.
His lips moved slow, I stooped to hear
The whispers they let fall,
His voice was weak; but this I heard:
"Old man, who got the ball?"

—Ex.

A COLLEGE PHYSICIAN.

The idea of Aggie having a college physician has never before been suggested, as far as any records show, but the idea if put in practice would without doubt be of great value to its students. Let us consider a few advantages that we would derive from this source.

First, he should be a physician of good standing in his profession, a graduate of some recognized medical school, and a man who would take great interest in his work. He should be made a member of the faculty and have the same power as a professor. It would be also very desirable if he could live upon or very near the college grounds, in case of any accident or sudden need of his services. Daily visits should be made to the dormitories to inquire into the health of the students, if any are sick, a diagnosis should be made of their case, and the proper treatment prescribed. This would prove of great value, for there would be no doctor's bill to pay, if we were sick we would be sure of being carefully and rightly attended to, and much of the sickness we have or are liable to have and which drag on for a long time or become chronic could be prevented by the proper treatment at the beginning. By this do not draw the conclusion that we are all sick the greater part of the time, but that every once in a while, as very often is the case, a student is sick, and should have the proper care.

Lectures should also be delivered by the physician upon hygiene, the principal diseases of man, their general treatment and prevention, the care of the sick, lessons in bandaging, dressing and care of the common wounds that we all more or less receive. All this would be of the highest value to M. A. C. graduates throughout their life.

The sanitary affairs and all pertaining to them, should be under his charge, and carefully inspected by him so that there should not be the slightest danger to the students' health from any sanitary defect. He should have a supervision over athletics in order to prevent the student from taking part in sports for which he is physically unfit. Students also at their own request, should be carefully examined as to their physical condition, and if any weakness or undevelopment be discovered the physician should inform the student of such, with the exercise or care that should be taken for strength

and development. These are a few of the benefits which we as students would be permitted to enjoy.

The college itself by the addition of a physician, to its list of officers would also be benefited. Such a measure would insure an increase in the attendance of pupils, for parents would also appreciate it, the health of the students would be better, and on the whole the prosperity of the college would be very much increased. Although perhaps this idea is a new one, and may not receive favor from all, let us hope that if such a step ever becomes practicable it will be taken at once, as the highest welfare of the institution earnestly demands it.—A. D.

YALE'S NEW RULE.

The Yale Faculty has adopted the following rule concerning examinations for removing conditions: "Whenever any student is, without excuse, absent from an appointed examination, upon conditions or fails to pass satisfactorily such condition examination, his name shall be reported to the treasurer of the University. A charge of \$5 for each absence or failure shall be made in the term bill of the student and the amounts so collected shall be credited to the fund for paying the tuition of needy students."

PRAYER-MEETING TOPICS.

- Mar. 10—Thoughtfulness in speech. Matt. 12:35-37; James 3:5-13. H. F. Staples.
 Mar. 13—The True Missionary Spirit. Acts 20:17-24; I Cor. 1:9-16. C. F. Walker.
 Mar. 17—The Power of Fervent Prayer. James 5:16-18. H. L. Frost.
 Mar. 20—The One Thing Worth Doing. Phil. 3:13-14. G. H. Merwin.

THE ROSE AND THE SUNFLOWER.

A rose and sunflower in the garden grew,
 "O," sighed the rose, and wept a tear of dew,
 "How nice it is to be so grand and tall
 That you can look beyond the garden wall."

The listening sunflower lower bent his head
 And smiling at the pretty rose, he said
 "Believe me, I have looked and tell you true
 That naught beyond is half so fair as you."

INLANDER.

INTERCOLLEGIATE.

Cornell spent over \$10,000 in athletics last year.

A temperance organization has been started at Rutgers.

About 128 state scholarships are given to Cornell students each year.

The increase in colleges in the United States is about fifteen a year.

Nearly 10,000 volumes were added to Harvard library during last year.

The largest university in the world is at Paris. It has over 9000 students.

The trustees of the University of Illinois appropriates \$400 for the support of the college paper.

Connecticut claims the honor of educating more college students than any other state in the Union.

Wesleyan proposes to appropriate the Fayerweather bequest of \$50,000 for the building of a new gymnasium.

Those professors who are to be at the heads of departments at Chicago University will each receive a salary of \$7000.

Wellesley is the most richly endowed female college in the country, the funds of the college amounting to \$2,500,000.

The Senior class at Cornell has changed the class day exercises to the morning instead of the afternoon as formerly.

Statistics show that in 1859 seventy-five per cent. of the college students in this country were farmers' sons, while in 1890 there were only 3 per cent.—Ex.

The *New York Tribune* leads the papers of New York in the number of college graduates it has on its editorial staff. The number at present is forty-one.

At Dartmouth one editor is chosen by each society to serve on the editorial staff of the college paper. Non-society men also elect one man for the board.

John D. Rockefeller of the Standard Oil Company has given \$1,000,000 to Chicago University. This makes a total of \$2,600,000 which Mr. Rockefeller has given to the University.

Mr. Sidney A. Kent has given \$150,000 to the chemical laboratory of Chicago University. The

University has also been presented with a valuable museum from the Chicago Academy of Sciences.

The wealth possessed by some of the European universities is seen by the fact that the receipts of Cambridge and Oxford indicate an endowment of \$75,000,000. Leipsic has a capital of \$20,000,000.

1200 students of the Polytechnic Institute of London will visit the Columbian Fair in 1893. They will be under the guidance of the manager of the institute and will come in numbers of about 100 at a time.

Yale students who fail to pass a condition examination or fail to attend such an examination are obliged to pay a charge of five dollars for such failure. The money thus obtained by the college will be used in paying the tuition of needy students.

The Dartmouth base-ball association has raised \$1100 in subscriptions from the undergraduates. The prospect for the coming season is said to be most excellent. The management of the team has already arranged a schedule of twenty-three games.

A committee of Williams alumni has been appointed to present at the annual meeting of the New England Association of Williams Alumni, the need of establishing a fund of \$200,000 the income of which shall be devoted to increasing the professors' salaries.

The exhibit which Brown University is to send to the World's Fair will consist of specimens from the workshop and laboratory work, also a file of Brown publications together with views of the college buildings and athletic teams. The exhibit will form a part of the educational exhibit of Rhode Island.

Noah Porter, ex-president of Yale, died last week at the age of eighty-one. In Dr. Porter there passes from the college world one of the greatest educators of the generation. In 1846 he became professor of metaphysics at Yale. In 1871 he accepted the presidency of Yale College which office he retained until 1886 when he resigned.

Dr. William J. Tucker of Andover Theological Seminary has been elected to the presidency of Dartmouth, by the trustees of that college. Dr. Tucker graduated from Dartmouth in 1861. After completing his theological studies, he preached until 1879 since which time he has been a professor at Andover and lecturer at Harvard.

College Notes.

—J. E. Bardin, '93, will not return to college this term.

—H. F. Staples, '93, spent a few days at his home last week.

—The orchestra furnished music for Co. K's calico ball, Mar. 1st.

—Feb. 29th the Seniors took the final examination in International Law.

—E. A. White, '94, who has been ill with typhoid fever, is now able to go out.

—The next board of editors for AGGIE LIFE will be published in the next issue.

—The Juniors have an exercise in debating every Thursday in the remainder of the term.

—A. X. Petit gave his third reception at the Amherst House last Thursday evening.

—The Glee club again have the use of the Chapel for rehearsals. They give a concert at Leverett tonight.

—The final examinations for those having conditions, will take place Thursday and Friday of this week.

—Saturday morning drills for those having demerits, are now in order, the hall being closed during the hour.

—The military department is being drilled in the setting up exercises and manual of arms of the new United States tactics.

—Prof. Paige recently inoculated a pigeon with cultivated virus of chicken cholera, for the purpose of illustration before the Senior class.

—The final concert in the Amherst College lecture course was postponed from Mar. 2 to Mar. 7, on account of the sickness of two of the company.

—A race between Sanderson, '94, and Hemenway, '95, was the attraction at the drill hall Friday evening. Sanderson came out victorious by a few feet.

—The prizes offered the Junior class by Prof. Maynard for the best description of the trip to Boston last Fall were recently awarded as follows:—1st prize, F. S. Hoyt; 2d, F. T. Harlow; 3d, H. F. Staples.

—The following men from the Junior class, have been selected to compete for the Flint prizes at Commencement:—F. H. Henderson, E. C. Howard, F. S. Hoyt, J. R. Perry, L. W. Smith and G. F. Curley.

—The bill for the continuance of the labor fund of the college has passed the House with amendments, to which the Senate has concurred, consequently our students will secure the benefit of it for another year.

—Friday evening last, the Seniors were very pleasantly entertained at the home of Hon. Levi Stockbridge. It was with great pleasure that the class once more met their old professor, for whom, although with the remembrance of only two terms work with him, they have always cherished a loyal feeling. A delegation of the fair sex from Miss Buffum's young ladies school lent their charm to the occasion, and with music, games, and conversation the evening passed all too quickly away. The class said good night to their old teacher, with a feeling of strengthened, friendship which will always continue.

—The events held in the Gym. February 27, were as follows:

HORIZONTAL BARS.

Howard, '94, 1st, Perry, '93, 2d.

PARALLEL BARS.

Howard, '94, 1st, Melendy, '93, 2d,
Perry, '93, 3d.

STANDING BROAD JUMP.

Clark, '92, 8 ft. 9 in, Crane, '92, 8 ft. 6 in.
Melendy, '92, 8 ft. 5 in.

RUNNING BROAD JUMP.

Clark, '92, 16 ft. 10 in. Baker, '92, 16 ft. 2 in.
Sanford, '94, 15 ft. 10 in.

The running high jump, as published last issue, was won by Clark, '92.

The events of March 5 were:

HALF-MILE RUN.

Clark, '92, 1st, Gifford, '94, 2d.

HOP, STEP AND JUMP.

Sandford, '94, 1st, R. E. Smith, '94, 2d,
L. H. Bacon, '94, 3d.

ROPE CLIMB.

Clark, '92, 1st, Gifford, '94, 2d.

ANNUAL REPORT.

The 29th annual report of the college, after much delay, was ready for distribution last week. In the absence of President Goodell last term, the report was under the supervision of Dr. Fernald. The catalogue proper of the college shows that 178 men have been in attendance during the year, a number larger than has ever before been enrolled. The faculty list remains the same as in the last report with the exception of Judge Lyman's name in place of Mr. F. E. Paige as Lecturer on Law.

A new feature of the catalogue is the printing of the entrance examination papers used last year, published, presumably, for the benefit of candidates for admission. The professors of Mental Science and Military give reports of the work, required and carried out in their respective departments. The horticultural department asks for an appropriation of \$8000 to be used in rebuilding the Durfee greenhouse and for the construction of other buildings. It is proposed that the college buildings be lighted by electricity. Funds are also asked for the repair of the drill hall.

The agricultural and horticultural reports give an excellent idea of the methods of work carried out in these departments. The several divisions of the Hatch Experiment station give brief outlines of the work carried out by this department. That relating to entomology is especially instructive inasmuch as it describes the gypsy moth. The article is accompanied by a colored plate, showing the different life stages of the insect. Five bulletins have been issued during the year on subjects relative to the experiment work carried on by the department. The report also contains a valuable article by Lieut. L. W. Cornish on the military instruction in educational institutions, and a complete and practical treatise on tuberculosis by Dr. J. B. Paige.

WASHINGTON IRVING SOCIETY.

A large attendance and increased interest have characterized the last few meetings of the Washington Irving Society. At the meeting held Feb. 26, the question: Resolved, that Washington was a man of greater ability than Lincoln, was warmly discussed. The weight of argument and merits of the question were both decided in the negative. The question: Resolved, that compulsory chapel

should be abolished, was also vigorously debated, Mar. 4. There will be no more debates this term but at the next meeting which will be held Mar. 11, the *W. L. Gazette* will be read. All students are cordially invited to be present.

In this country about one man in 2000 takes a college course.

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WHY I CAME TO AGGIE COLLEGE.

Why did I come here to college, and am I receiving as much from the course as I am entitled to? If not, why not? These are some questions that are far too liable to escape our consideration, during the excitements of college life.

Some of us came here because we were sent by our parents or some other relatives; but is this any reason why we should not attend to our duties and take advantage of every opportunity here afforded us? Our parents are wiser than we and know that a course like this will develop us into men—manly men, fitted to go out and fight life's battle for ourselves. We will find out in later years that they were right, and they will be honored for it.

There are many others who come here not because they were sent, but—why? Let us see. Here is what one man says, when asked why he came to Aggie College: "My home is such a distance from here that it was very seldom I ever heard anything about this college. I did not know of anyone who was ever a student here. About two months before I came here to take the entrance examinations, a friend asked me how I would like to go to the Mass. Agr'l College, at Amherst. I had attended the high school in the village for several years, and had no idea of ever pursuing my studies in any higher institution. However, I promised him I would think the matter over, and by a careful study of the catalogue and a few inquiries, I found that here were some opportunities which I ought to grasp. I came, not particularly because I ever expect to engage in farming—an occupation which I regard as inferior to none other, but because I want a good practical education, one which will include such business principles as are necessary in any calling; such I think is offered by the M. A. C. The drill, too, is just what I want. It braces a fellow up, and teaches him to keep his wits about him in obeying or giving orders. These are my reasons for coming here."

Thus says one, and if we all had as good objects as his in view, then our College would turn out some royal good men during the coming years. But alas, there is another purpose. Says one, "I'm going to get through here by doing as little studying as possible, get my diploma, and then skip."



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These are the men who are finding fault with the course, the professors and are doing all in their power, if they only realized it, to keep their classmates back, and to lower the standing of the college. If the faculty and the trustees expressed their mind in this matter, would they not say something like this: "Such men are not wanted here; let them go elsewhere for their education."

Perhaps there are others of us, who are working for an education, but yet who are sometimes tempted to complain about the college. Of course the college is not perfection yet, but is not the fault with ourselves? Shall we dislike a professor just because he catches us whispering or napping, and speaks rather sharply in return? No, the fault is our own, and we are not learning as much as we should simply because we are trespassing upon the rights of others which, as a student it is our duty to regard. Let us not for one moment forget that we are here for a purpose, and that our success in life will depend to a great extent on the efforts put forth here.

G. H. M.

NOTICES.

Mails leave the college for the post-office at 1 P. M. and 7-40 P. M. on week days. On Sundays it leaves at 4-45 P. M.

At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M.

Springfield, New York, Washington, Southern and Western states, 7-45, 10-45, A. M. 4-00, 6-45, 8-30 P. M.

Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10-45, A. M. 4-00, 6-45 P. M.

Fitchburg, North Adams and the North, 8-30, 10-45 A. M. 4-00, 6-45 P. M.

Northampton and Holyoke, 10-45 A. M. 6-45, 8-30 P. M.

Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

The President will be at his office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 2-30 to 3-30 every afternoon except Saturdays and Sundays.

The college library will be open from 2 to 4 P. M. every day except Saturday; 8 to 12 A. M. and 1 to 4 P. M. on Saturdays. Also every evening from 6 to 8 o'clock excepting Sundays.

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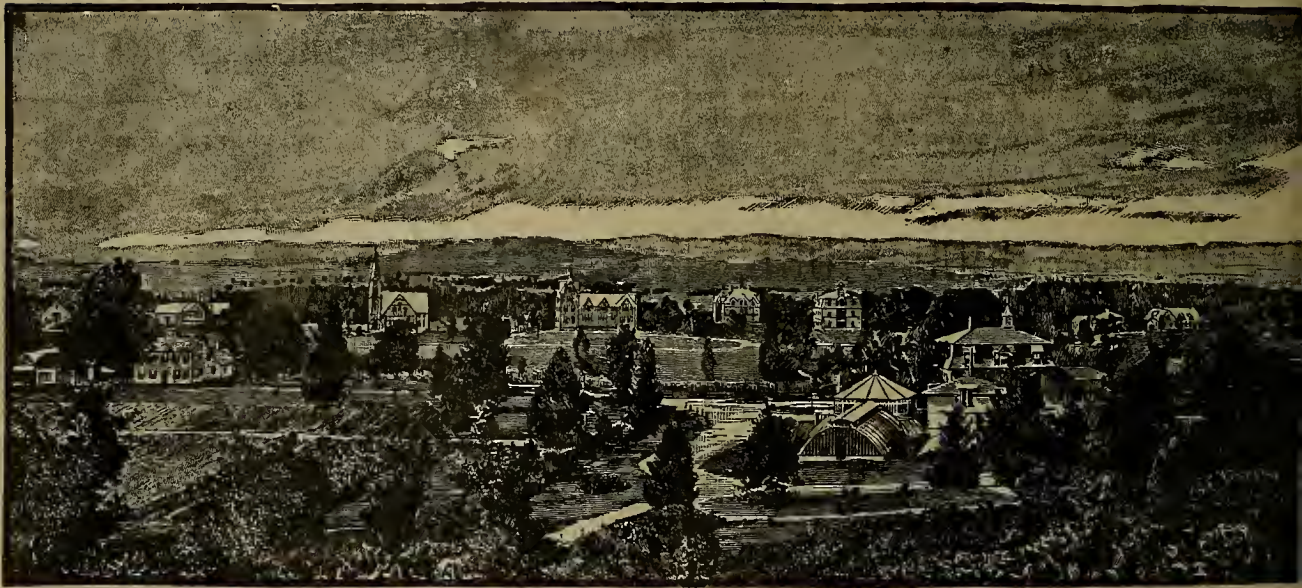
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AMHERST, MASS.

AGGIE LIFE.

VOL. II.

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With the present issue the second board of editors of AGGIE LIFE completes its labors, and as the story runs, with sorrow, regrets, and harrowing thoughts of uncompleted work and opportunities now forever lost, do we reluctantly resign the noble work entrusted to our care by a former Board. But in the stern reality, when plain unvarnished facts are uncovered, it is no such thing, but rather with a deep sense of relief and freedom from editorial care that the senior editors bid the object of their work adieu and make their exit. We have not as yet been overwhelmed with echoes of the sweet, "Well done," neither have we been presented with a memorial cup or any other golden testimonial, nor has nor has the band favored us with a serenade; yet in spite of these lacking elements of appreciation we think we have fulfilled our duty. It is the object of every college paper to bring collegiate matters in their true light before the faculty, students, alumni and all friends of the college. This, the retiring board, has endeavored to do in an impartial manner, our object being the highest welfare of the college and its students. We have tried to main-

tain the standard of excellence with which the LIFE was given into our care and hope that the interest in some departments has been enhanced even though it be but little, for we have borne in mind that each year should add at least something to the literary quality of a college publication. To the new board of editors do we cheerfully entrust the editing of AGGIE LIFE hoping that they may retain all the good features of the past volumes and also be the means of adding many new ones in the future. With the increased number on the editorial staff we confidently expect that the college paper will grow into a higher and a wider usefulness before the new board shall finish their work.

THE new "Infantry Drill Regulations" have at last arrived and have been delivered to the battalion. Class room instructions will commence at the beginning of next term, and will be carried on in connection with the military drill. The changes embodied in the "new tactics" are very noticeable. It is the object of the writers to make it possible to manœuvre a body of troops at the least possible expense of time, without impairing in the least this general efficiency. Although it is claimed that the beauty of the drill is thus impaired it should be remembered that from a military standpoint the change is only for the better.

THE second and last examinations for those deficient in the work of the fall term are over, and as a result several students have been dropped into the succeeding classes, according to the rule adopted by the faculty a year ago. Such occurrences are certainly undesirable, but no one can dispute that the blame lies for the greater part with the students themselves, rather than with the instructors. The rule now in force is certainly fair and just. It furnishes an equal basis upon which all may be judged,

thus preventing any chance for unfairness with individual students as was sometimes claimed before its adoption. Although here and there we find cases where a student is unable to do the prescribed work owing to insufficient preparation or some other cause for which he is not responsible; yet in the great majority of cases we believe the failure maybe traced directly or indirectly to the practice of taking things easy at the first part of the term and then, at the last moment, endeavoring to make up for lost time. It is the person who "can't calculate," who, although he may feel secure for a time, in the end is liable to meet with disaster. If the student who would keep himself free from conditions will form a habit of doing each day's work in its proper place and its proper time, he will be sure of success.

It is quite evident to an observer that base ball practice has been on the wane the last few weeks. Unfortunately, Captain Crane has been ill much of the time, and, although work was supposed to continue as usual, several of the more indolent candidates have taken advantage of this circumstance and have ceased to appear at the drill hall on certified days. If such men think their absence was unobserved by the management they are laboring under a great mistake. Moreover, some of the players have worked faithfully and show that they have an interest and a pride in the matter. Those are the men that will bring up the various averages of the team next term, while the men at present lying off will tend to lower the standing. It is certainly deplorable to realize that some of the best material in college is numbered in the latter class. We dislike to admit it but we must look at things as they are. As long as men have to be persuaded, teased and "babied" to make them work, just so long will we hold our present rank in sports. There must be an ambition for something better, a love for the game, and an unbounded spirit, and then we may hope to do something. It is hoped that no more need be said in the future regarding this matter. Let the men that are eligible for the team practice steadily and energetically henceforth, and then only can we hope for good results next term.

It is perhaps not out of place for us to say a word of encouragement to the Natural History So-

ciety at this time. Do not get discouraged because of the small attendance during these winter months. Last fall each one who attended the excursions of the society was well repaid, both by the pleasure of them and by the knowledge he gained. This spring it is hoped a renewed interest will be taken in the work. If the members are true naturalists the love of their work will spur them to research and study even this winter, when the ground is covered more or less with snow. Why do not more men take up the branch of ornithology? It is very fascinating and something which may be studied as well during the winter as in summer. We hope as soon as the weather becomes warmer to see the members again setting out upon their excursions, and coming back loaded with the trophies of their search. The rearrangement and classification of the college collection of minerals and inorganic substances will be of great use to those members taking up geology or mineralogy. It is high time the members were on the watch for the forerunners of spring. The little members of the animal and vegetable kingdom will soon appear to remind us of what is to quickly to follow. The N. H. S. if properly conducted, may be the means of valuable instruction to the students. We hope the directors will do their duty and make it worthy the name of a scientific society.

A SOLILOQUY.

I promised Gertrude not to smoke
In Lent, and meant it when I spoke.
But she can't know—girls never do—
How one enjoys to puff a few
Blue clouds of smoke. By Jove! I will
Have just one pipe; then quit until
Lent's over. Haug it! Where's my pipe?
Oh, yes! Jack borrowed it last night
And never'll think to bring it back.
That's always just the way with Jack.
And now when I really meant
To smoke my pipe, I can't; its lent.—*Ex.*

The New York committee of Harvard examinations has offered two prizes of \$300 and \$200 for the first and second best entrance examinations to the Harvard Annex for women.—*Ex.*

Contributed.

THE HAND OF FATE.

As I lay dreaming in my room
I saw a monster stern and grim,
A fearful shape did he assume,
And tow'ring in the twilight dim,
In hollow tones pronounced my doom
'Twas *He*!

Quoth he, "Thou may'st well despair,
Thy stay at college soon is o'er,
Think well on what I now declare!"
The spectre glided through the door,
And quickly vanished into air—
Did *He*?

His words burned deeply in my brain,
And I commenced at once to cram,
But midnight oil was burned in vain,
I failed to pass the old exam.,
And now am numbered with the slain.
Formula, *He*!

GOOD ROADS.

How seldom do we find a good road in the country districts! In many places, under the present system of management, money is squandered and labor misapplied and practically thrown away. Drainage, grading and every elementary idea involved in making and keeping in repair a good road, are ignored, and the work is done without reason or regard for ultimate results.

The country roads of the United States are poorer than those of any other civilized country. Water is allowed to stand in pools and is mixed with mud by narrow tired wheels. The roads of many farming districts are practically impassible during three months of the year. Do you realize what this means to the country? It means enforced idleness both for the farmer and for his teams. It means stagnation of business to the merchant as is shown by an estimated loss of one million dollars to those of the Mississippi valley by a single mud blockade.

If this state of affairs was unavoidable, it would not be so bad, but it may be quite easily remedied in most cases, at a small cost as compared with the beneficial results.

Let us consider some of the essentials of a good

road. It should be nearly level, perfectly drained and well located. In most cases the best locations are found in the valleys or along their sides. Good drainage may be secured by raising the center of the road and digging a ditch along the side. The strength exerted by a horse in pulling a load up even a small ascent is many times greater than that expended in drawing the same load on a level road. In a perfectly level country, however, it may be necessary to give the road a slight slope to provide for drainage. The surface of the road should be above that of the surrounding country, as otherwise it is liable to become a water-course through which the surrounding fields are drained.

Roads require constant attention, instead of the annual overhauling that is too often their only treatment. In Italy the roads are inspected and any defects remedied every day. The roads are kept in this manner in nearly perfect condition. And here we must mention the harm done by the "working out of the road tax" which should never be allowed. Only experienced men should be employed on the roads.

The expense of the nearly perfect Telford or macadamized roads makes them beyond the means of the smaller towns. However, the cost of keeping in repair the common earth roads for a term of years, in many cases exceeds the cost of the construction and subsequent repairs of the best roads. The highways running to the larger towns, and those connecting one city with another, should be built in the best possible manner. The gain in trade and convenience to the towns through which these pass would be amply sufficient to justify the outlay. In this state, the counties have the power to build such roads and in many cases have done so; but if the state or even the United States controlled their construction, might they not be planned with a more comprehensive judgment and built and kept in repair with greater economy?

The fact that this subject has not received more consideration from scholars and experimenters is not complimentary to our civilization. At last, however, the public appears to be waking up to the importance of good roads, and we confidently expect to see a great improvement in our public highways before many years have passed.

F. T. H.

THE NEED OF GENERAL INFORMATION.

As we leave our *Alma Mater* and enter into the active duties of life, as men among men, we expect to make great use of the knowledge and experience acquired here: but there is one part of a man's education to which but little attention is paid, although it is of the utmost importance in any line of work. I refer to general information, that knowledge of men and affairs not obtained in the study of botany, chemistry, agriculture or mathematics; a knowledge of general history, of the public men of to-day and yesterday, of current events, and of all topics which can help fit a man to be a citizen of the United States of America, in the highest sense of the word.

We should know who are the best authors and what they have written, should understand the best English and know the meaning of the words used in the best English. We should know whether Alexander the Great was a Macedonian or a Roman and whether Oliver Cromwell was a general, a statesman, a tyrant or a thief.

This general information will be useful in any walk of life. As we go out from this college, we, as college educated men, are to take the lead. We must be able to stand up in any public meeting and tell what we know. We shall then need information of a great variety of subjects, that we may state facts to uphold our position.

This general information also broadens a man's mind. By thinking on a limited number of objects the mind is apt to get narrow. The person is shut up within himself like an oyster, and fails to get a broad, comprehensive idea of the great things going on around him. We must get our heads up out of the fog which surrounds our every day existence and get a look beyond our own narrow path in life.

Many of us are deficient in just this thing. We have not all had opportunities nor incentives to train ourselves by general reading or observation. Some read so much trash that the taste for anything of value is gone and it is called "dry." However, we are not so badly off as the man who said when there was a call for volunteers, "If the government can't support itself, let it fall."

We now see our deficiency, how shall it be remedied?

One of the most important ways by which we can increase our stock of general information is by

reading the newspapers. Of course a great deal of time can be wasted in the reading-room, but time spent reading the editorials and pieces on the current topics of the day is not wasted. Another important source from which we may derive valuable knowledge is found in standard books. Read histories, biographies of great men, and books of travel. Novels are all right in their place. Many novels have a wide influence for good and should be read.

It is not necessary to devote a great deal of time to it, but if we improve our opportunities we can secure this general information with little cost, and it will prove of great value to us, make life more pleasant, and bring us a little nearer the ideal of true manhood.

F. G. S.

EXTEMPORE SPEAKING.

In public or private life what is more valuable than the art of expressing thoughts easily and upon short notice, on any subjects of the day, and yet what is more neglected? In a republic like the United States, where the government is "of the people, for the people and by the people," every man should be able to express himself upon public questions. In private life the power of expressing thought clearly and concisely, is equally invaluable, and the lack of this power often causes severe loss to private individuals. This power of extemporaneous speaking is, to a great extent, a natural gift, though it may be improved and even developed by cultivation. Before any man can impart ideas to another, he must possess them himself, and possess them in such a way as to present them clearly to others; in other words he must know what he is talking about and present it to others in such a clear way that they cannot but see the point.

Quickness of mind is of prime importance. Imagine a man standing before an audience of a hundred or more; each has his way of looking at facts and the speaker must try to have them look at the subject from his point of view; he must keep a consecutive line of thought before his hearers, and at the same time seize upon any illustration which may serve his purpose, and yet avoid digressing too much from his central line of thought; he must study his audience; weigh the effect of his words upon them; he must also look ahead for the sentence

to follow the one he is uttering ; for the speaker must keep up a continuous flow of concise, well chosen, well framed sentences.

Decision must be cultivated, for as the speaker develops his subject, many enticing illustrations claim his attention, and it is for him to decide whether they can serve his purpose or not ; if they can he must weave them at once into his discourse. A certain boldness is essential to the highest success. Often a man begins a sentence without knowing just how it will end and what it will lead to ; at such times the speaker can not afford to stop, but he must continue, and trust to some way of escape offering itself.

As the subject is the prominent part of every discourse the speaker should keep it constantly before his hearers, and avoid any unnatural gestures or positions, for they excite pity or bring ridicule upon the speaker, both of which are to be avoided if possible. Fluency of speech is a great aid, if properly used, though many fall in the bad habit of talking simply to hear themselves talk ; nothing will disgust an audience quicker than empty talk. A large vocabulary gives greater variety and finish to the discourse, as it enables the speaker to be more choice in using words. A knowledge of human nature is of especial value to the extemporaneous speaker, as it enables him to weigh more accurately the effect of his words upon the audience, and enables him to adapt his thoughts to the people, time and place. Above all things do not be too lengthy, as it bores an audience ; a tired hearer is worse than none ; it is much better to close too soon, rather than after interest is slack.

All can improve considerable in this art by using every opportunity for practice that offers itself, but should not this matter receive more attention in all our educational institutions ? The young man of to-day must be able to make himself understood ; if this is not taught him, it is his business to study it up for himself.

—F. I. Parker and C. H. Barton, both of '94, are to leave college at the close of the present term, to enter business ; both will leave a vacancy in athletics. They have the best wishes of their many friends in college.

COLLEGE MORALS.

From the opinions of many distinguished men which we so often hear and read, we are led to conclude that the larger number of the people look upon the college world as composed of young men giving a period of their younger days to a good time, intermingled with an exceedingly short period of study ; a class of young men bent chiefly on disposing of their father's earnings. These people, however, are almost invariably those who have never had the privilege of a college education, thus preventing them from knowing the exact state of affairs.

Their strongest claim is that the daily press substantiates their belief in the reports which appear in print on various occasions. In other words they take the actions and principles of a few as indicative of the whole ; individual action as characteristic of the students as a body.

It is true and never deniable that the collegian is full of fun and frolic, and often in an instant of thoughtlessness oversteps the line which is the boundary of good judgement and morality. However, even in these instances the motive which prompts the youthful spirit is not in itself one of degradation. Human beings were all created with imperfections, and naturally a student is no exception to this. Then why is so much more expected of him than of others ? We cannot deny but that many deeds have been perpetrated by college students which were exceedingly disgraceful, but such actions are scorned by the general body of students. The painting of the statue of John Harvard at Cambridge a few years ago by a party of roughs, celebrating a Harvard victory, and the prompt indignation meetings and communications of the students, following it is an evident proof of this. Such men as indulge in these so called pleasures usually have an exceedingly hard and unpleasant college life ; they are despised both by faculty and students, and generally end their course without the much desired sheepskin.

The influence created by college men has a stirring and elevating effect, as you can readily observe, at the mention of the various positions of honor and responsibility which are held by graduates. The following is an extract from an editorial of one of our most prominent dailies, relating to this subject :

"It can be truly said that many of the reports

which reach the public of dissipation and lawlessness among college students are grossly exaggerated. There is in no other class of young men so large a majority who take life seriously and are preparing themselves earnestly for its duties. There is no class of men less given to hypocrisy, and a man who is not himself out and out soon comes to be despised by his college mates. Further there is more religious and moral sentiment among students of the present day, in our higher institutions, than among any other class of young men. The leading athletes in the college world are men of the most pronounced Christian type, and at present there are more students Christians than ever before."

Many objections are raised against what is called "college customs," which are for the most part customs and usages of long duration. It naturally does appear barbarous in the eyes of the people, but it is fast disappearing from our institutions. However, a man's morals are not in the least affected or harmed by such customs, and certainly they are of no permanence, since the motives prompting such occurrences as class strifes, hazing and initiations are by no means impure. And again they only occur during the first half of one's course, and the bad effects, if there be any, are obliterated by the gaining of self-honor and pride when one becomes an upper classman. At this stage one has begun to cherish the idea that he must now begin to have higher aims in order to appear well before the eyes of the public amongst which he must soon mingle.

If our colleges are deficient from a moral standpoint, they do of course of more harm than good, no matter how fine a course of learning they may establish.

Thus, from the fact that our educational institutions are next to our religions the greatest of our blessings, it must certainly follow that the moral tone of our universities and colleges is comparatively high.

It is certainly evident from the statements made that the average collegian is the equal or superior in morality, to the average young man of to-day, in whatever station of life he may be situated.

T. F. K.

—The term closes March 24.

AGGIE AND ATHLETICS.

It is a fact that Athletics at the M. A. C. have made much less progress than they should; a majority of the institutions of learning in the country being far ahead of us in this respect. Many students come here from the high schools or from the farms of this and other states, and often know but little of college sports before their initiation into college life, while the students at other colleges spend three or four years at an academy, or other preparatory school, and there receive a very fair knowledge of college life and college sports.

To be sure, we have foot-ball and base-ball teams that win games for the college, but they are imperfect. If they had more training and something to keep their muscles at work in the seasons when they are not on the field, would they not be in better condition to participate in other games when called upon? Never since the establishment of the college has there been a time when the interest in athletics has been at such a low ebb as at present.

From 1870 until 1874, "Aggie" supported a boat crew, which rowed against crews from such colleges as Harvard, Yale, Williams, Cornell and Amherst, and in the "First Regatta of the Rowing Association of American Colleges," which was held at Ingleside, July 21, 1871, our crew rowed three miles in sixteen minutes and forty-six and one-half seconds, and won the race from Harvard and Brown. But, for some unknown reason, this sport was discontinued and in its place we find accounts of two annual field-days.

The second and last was held October 18, 1876, and, as nearly all of the records were as good or better than in the preceding one, I will give only the records of that occasion as copied from an old

Index:

Putting 20 lb. shot,	24 feet.
Throwing 18 lb. hammer,	70 "
Throwing base-ball,	370½ "
Standing high jump,	4 ft. 8 in.
Standing long "	9 ft. 2 in.
Running high "	5 ft. 1 in.
Running long "	17 ft. 9 in.
Running hop, step and jump,	38 ft. 1 in.
Hurdle race, 250 ft., 8 hurdles,	13 sec.
" " 270 ft., 9 hurdles,	25 sec.
100 yards dash,	11 sec.

One mile walk,	9m. 21 sec.
One mile run,	5m. 25 sec.

These are a few figures which show about an average of what was done at the only field-days "Aggie" ever had.

Now, fellow students, just stop and think of it; with all the ability that there is in college and all that could be produced by a little training, is there not life enough to get up a good field-day of athletic sports? Think of the great physical benefit which would be derived by such training!

There is not one man in this institution who would not be benefited by some physical exercise. I have heard some people say that no good was ever found in an athlete, but it is a wrong idea.

Bowdoin College offers a mathematical prize of three hundred dollars every year, and of the winners of this prize for the last six consecutive years, every one has taken a prominent part in athletic sports.

Now let us break a record which has not been broken for fifteen years, and have a glorious field-day. Let one and all resolve to spend part of the time training for some portion of this exhibition, and let us all resolve to carry it through, to show our alumni that we can do as much as they.

C. F. J.

COLLEGE YELLS.

We print below the college yells of some of our principal colleges. As is readily seen they form about as noisy combinations of sound as the lungs of the average student can produce.

Harvard—Rah, rah, rah! Rah, rah, rah! Rah, rah, rah! Harvard!

Yale—Rah, rah, rah! Rah, rah, rah! Rah, rah, rah! Ya-a-l-e!

Williams—Rah, rah, rah! Will-yums, ymas, yums! Williams!

Princeton—Rah, rah, rah! S-s-s-t, boom, ah-h-h! Princeton!

Cornell—Cor-nell! I yell, yell, yell! Cor-nell!

Dartmouth—Wah, hoo, wah! Wah, hoo, wah! Dar-d-d-Dartmouth! Wah, hoo, wah! T-i-g-e-r!

Rutgers—Rah, rah, rah! Bow-wow-wow!

Columbia—Hoo-ray, Hoo-ray, Hoo-ray! C-o-l-u-m-b-i-a!

Madison—Zip, rah! Mad, zip, rah! Mad, rip, rah! Madison!

Union—Rah, rah, rah! U-u-i-o-n! Hikah, hikah, hikah!

University of Vermont—Rah, rah, rah! Rah, rah, rah! U. V. M. Rah, rah!

Hamilton—Rah, rah, rah! Ham-il-ton! Zip, rah, boom!

Lafayette—Hoo-rah, hoo-rah, hoo-rah! Tiger! Lafayette!

Wesleyan—Rah, rah, rah, rah! Wes-ley-an-a! Rah, rah, rah, rah!

New York University—Rah, rah, rah! N. Y. U. Siss, boom, ah!

Bowdoin—B-o-w-d-o-i-n! Rah, rah, rah!

FARMERS' INSTITUTE.

The Hampshire County Farmers' Institute held a session in the New Chapel, Friday, the 11th. The weather was unfavorable and consequently the number present was limited. The forenoon was devoted to a discussion of manures and fertilizers. Prof. W. P. Brooks read a paper on the subject which was evidently appreciated by the audience. During the remainder of the forenoon, questions suggested by the paper were answered by Prof. Brooks. Much interest was manifested in the subject and it was not until half past one that the meeting adjourned for dinner.

In the afternoon Secretary Sessions presented a paper on "Obstacles to success in Farming" and closely held the attention of his hearers during its reading. After showing the difficulties with which the New England Farmer of the present day was obliged to contend, he cited several instances where marked success had been attained by farmers possessing the ability and energy without which prosperity in this or any calling is impossible. Following the reading of this paper were discussions and questions of a general nature on matters of interest to the farmer. The glee club added enjoyment to the occasion by rendering selections at the beginning of both morning and afternoon sessions.

—The Amherst college glee club gives a concert this evening at College hall. It will undoubtedly be of the usual excellence and being the only one of its kind this season, those who have never heard the club would do well to attend.

College Notes.

—The new Infantry Drill Regulations have arrived.

—The Senior's commencement theses are due May 2d.

—The W. I. L. S. gave a mock trial last Friday evening.

—The spring term begins Tuesday, April 5th, at 8.15 A. M.

—A. X. Petit did not meet his dancing class the 8th and 15th inst.

—Instruction in the new manual of arms is now given at every drill.

—A list of books recently received has been posted in the library.

—There was no drill the 14th, owing to the coldness of the drill hall.

—The Juniors are having instruction in rope tying under Prof. Fernald.

—March 14, the Freshmen gave a member of their class a birthday reception.

—The glee club sang in Leverett the 9th, inst. and Hatfield the 11th of this month.

—The final examinations for those having conditions, were held the 10th and 14th.

—Reeve's American band of Providence gives a concert in the Town Hall the 25th.

—Wanted, the names of the students who have corresponded with *Ella* and *Blanche*.

—Quite a number of the students attended the mock convention in College hall the 15th.

—The Clark Cadet band furnished music at the Amherst college mock convention, Tuesday 15th.

—E. D. White, '94, who has been ill with typhoid fever, is now with relatives in South Framingham.

—Lounsbury, Park, and S. F. Howard were among the absentees from college since our last issue.

—It is hoped that the base ball team will be able to begin out-door practice at the opening of the summer term.

—Several men have been dropped into the succeeding classes through failure to pass the final examinations.

—The first game of base ball was played on the campus last Thursday; the first nine won 11 to 8 in twelve innings.

—Prof. Warner suffered last week from a sprained ankle, the result of a fall on the stairs of the Meteorological Observatory.

—G. F. Curley, '93, has been elected editor-in-chief and J. R. Perry, '93, business manager of the editorial board of AGGIE LIFE.

—The candidates for the base ball team have been measured for new uniforms; Horace Partridge & Co. of Boston are the contractors.

—The offer of our President to attempt to obtain the publications of the departments of agriculture etc., is heartily appreciated by the students.

—Through the efforts of the glee club, F. S. Cooley, '88, won the whip offered to the homeliest man present at the entertainment at Leverett, Mar. 9th.

—Manager Taylor has a good schedule of games arranged for the spring term and it is hoped that all will co-operate, that we may have a successful season.

—Forbush of the Gypsy Moth Commission has been in town engaging men to help exterminate the gypsy moth. Among those engaged were Knight, '92, and Lounsbury, '94.

—We take pleasure in announcing the election of the following men to the LIFE board:—F. S. Hoyt '93, A. E. Melendy '93, J. R. Perry '93, T. S. Bacon '94, T. F. Keith '94 and A. Davis '95.

—The Junior class have elected the following officers for the spring term: President, C. A. Goodrich; vice-president, J. E. Bardin; secretary and treasurer, F. A. Smith; class captain, F. H. Henderson; base ball captain, G. F. Curley.

—The manager of the base ball team suggests that next term the students bring back their best pocket book filled to overflowing, so that a generous surplus may flow into the treasury of the association. Games have been arranged that will cost considerable. They will be well worth seeing and will compensate for a generous subscription.

—A mass meeting was held in the "Old Chapel" last Saturday evening, to consider the advisability of increasing the editorial board of AGGIE LIFE. Vice-president Clark of the Senior class presided; after

considerable discussion it was voted that the Senior editor should be given the authority to elect five editors from the Senior class, three from the Junior and one from the Sophomore class.

—There was a larger attendance at the W. I. L. S. meeting last Friday evening than there has been at any other meeting this term. The reading of the *W. I. L. S. Gazette* was enjoyed by all. It was divided into three parts which were read respectively by the editors, F. S. Hoyt, H. G. Stockwell and A. Davis. A violin solo was given by T. P. Foley, and a violin and flute duet by T. P. Foley and J. H. Putnam. Speeches were given by J. E. Gifford and S. Kuroda.

PRAYER-MEETING TOPICS.

- April 7.—True Manhood. Ps. 1:1-2. C. A. Smith.
 April 10.—The Sustaining Power of a Clear Conscience. Dan. 3:16-18; II Tim. 4:6-8; Acts 7:55-60. F. S. Hoyt.
 April 14.—Reasonableness of God's Demands. Ps. 103:10. E. H. Henderson.
 April 17.—Perseverance. Phil. 3:12; Heb. 12:1-2. S. Kuroda.

INTERCOLLEGIATE.

The Princeton base ball nine practices three hours daily.

President Roberts of Lake Forest University has resigned his position.

Cornell will introduce into the curriculum a course in Russian next term.

Harvard, Yale, Brown, Cornell and the University of Michigan all publish college dailies.

Prof. Remsen of Johns Hopkins University has declined his call to the University of Chicago.

One of the items among the Harvard foot ball expenditures was that of \$702 for medical attendance.

Harvard has a student in the graduate class who is 77 years old. He graduated from Yale in 1834.

Undergraduates at Johns Hopkins must pass an examination in gymnastics before they can receive a degree.

President Small of Colby has been called to the professorship of Social Science at the University of Chicago.

The alumni and friends of Dartmouth propose to

erect a bronze statue of the late Prof. Phelps at Dartmouth.

With the exception of California, Indiana sends more students to Stanford University than any other state.

George W. Childs has presented his collection of books, valued at \$100,000, to the Drexel Institute of Philadelphia.

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The sum of \$250,000 has been bequeathed to the United States for the purpose of erecting a memorial hall at West Point.

Since the foundation of Yale, the students of that university have been connected with twenty-five different publications.

Senator Stanford proposes to erect chapter houses for all Greek letter fraternities which are formed at his university.

The Princeton faculty will make Wednesday afternoon a half holiday during next term for the benefit of the base ball association.

Lehigh intends to enlarge her athletic field at a cost of \$2,000, the funds being raised by the graduates and undergraduates of the college.

The faculty at Trinity have passed a motion forbidding students to pull the tug of war without their parents permission and a doctor's certificate.

The Cornell glee and banjo clubs will take a Western trip during the spring vacation, visiting Cleveland, Chicago, Ann Arbor, Toledo and several other cities.

Harvard students have petitioned the corporation to establish a course in Ornithology for the benefit of those who are especially interested in that branch of study.

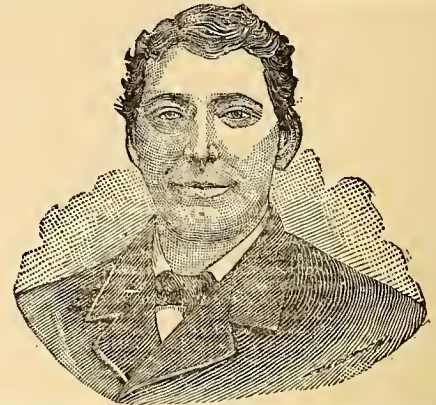
The \$125,000 received by Senator Stanford for the horse Arion has been divided into 125 lots to help poor students who desire to go through Stanford University.—*Ex.*

There will be exhibited at the World's Exposition a statue intended to represent a man perfectly proportioned. It will be made according to the idea of Prof. Sargent of Harvard.

Trinity students intend to present to each member of the graduating class, who has played two years on the college eleven, a small gold foot ball. The presentation will be made on class day.

The University of Toronto has been endeavoring to form an international league with Cornell and the University of Michigan. It is understood however, that the latter will not accept the proposition.

Strong efforts are being made at Princeton to get up a crew this year. A mass meeting of the college is to be held soon for the purpose of determining the financial support which may be given a crew if one is organized.



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Lectures are given on the subject of Hypnotism to the students of Williams.

The professor of Military science at the Kansas Agricultural College has issued a circular letter to the various professors of Military Science of all the land-grant Colleges, asking their opinion of the advisability of a national encampment of cadets during June of next year. If each of the seventy-five colleges should send an average of 150 cadets, an army of more than 10,000 of the best drilled troops of the country could be assembled. The prominence given to them would certainly awaken a great interest throughout the country and would increase the importance of the Colleges. The thought of taking part in this encampment would be a great incentive to faithful work during the ensuing year. The experience gained by taking part in the movement of such a large force would prove most beneficial. In considering the advisability of this trip we must not leave out of account the great value which the exhibits, at what will be the greatest exposition that has ever been held, to the student. We probably express the thought of most or the students when we say, we must go.

NOTICES.

Mails leave the college for the post-office at 1 P. M. and 7-40 P. M. on week days. On Sundays it leaves at 4-45 P. M.

At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M.

Springfield, New York, Washington, Southern and Western states, 7-45, 10-45, A. M. 4-00, 6-45, 8-30 P. M.

Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10-45, A. M. 4-00, 6-45 P. M.

Fitchburg, North Adams and the North, 8-30, 10-45 A. M. 4-00, 6-45 P. M.

Northampton and Holyoke, 10-45 A. M. 6-45, 8-30 P. M.

Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

The President will be at his office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 2-30 to 3-30 every afternoon except Saturdays and Sundays.

The college library will be open from 2 to 4 P. M. every day except Saturday; 8 to 12 A. M. and 1 to 4 P. M. on Saturdays. Also every evening from 6 to 8 o'clock excepting Sundays.

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AGGIE LIFE.

VOL. II.

AMHERST, MASS., APRIL 13, 1892.

No. 14

AGGIE LIFE.

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Editorials.

ONE more year in the history of the LIFE has ended and with this issue it becomes the privilege of the new board of editors to be ushered into the arena of college journalism. With the exit of the four senior editors, the LIFE loses men of acknowledged capability and only by experience can we hope in some degree to fill their places. Under their management the past year has been one of prosperity in every respect. Necessary alterations were made both in the form of the paper and the nature of its contents, striving, as they did, to make it as nearly as possible a college newspaper, and endeavoring to represent the college and its work as it actually is. These changes have, we think been satisfactory to all and it only remains for the new board to continue in the same line, hoping, at least, to keep the quality of our paper up to its present standard. The senior editors of last year realizing the amount of work falling on the board deemed it advisable, in the election of their succes-

sors, to enlarge the staff, accordingly we commence our labors with an editorial board of nine men instead of seven as formerly. Thus with ample numbers the new board starts out with the determination to be faithful to its trust and in return justly solicits the co-operation of the students in general. No true college man will see issue after issue of the paper forth coming without contributing something at least to its welfare. From this standpoint of a common interest we predict, with confidence, an abundance of material thus giving us that chance of selection upon which, more than any other feature, the quality of the paper is dependent. In conclusion we trust that, in the opening issues, our readers will overlook our shortcomings and criticise not too severely until our journalistic experience has been broadened.

THE opportunity which a good library affords as a means of education is recognized by every college to be one of its most important educational advantages. Our library is complete in those departments which are of special importance to students in an agricultural college and it is not necessary to look further when subjects relating to agriculture or some of the sciences are to be investigated. The students should not, however, forget that they are at liberty to consult the library of Amherst college for material in which our library may be deficient. It is to be wondered at that more do not avail themselves of this opportunity of obtaining matter for essays or for increasing their supply of general information. To anyone who is fond of reading, there could be no pleasanter way in which to spend a spare afternoon than in consulting the books of this library. With the aid of the librarian or assistant almost any subject may be found discussed, with little difficulty. Although a student's time is limited, yet it is more than probable that after graduation we will have less time for general reading than

at present and hence the advisability of making use of our own and Amherst college libraries while we may.

At this the opening of the spring term we would ask "What is the N.H.S. going to do this season?" It is only during the fall and spring terms that trips can be taken and such glorious opportunities as this term will offer should not be allowed to pass by. The schedule of recitations and drills is so arranged that all but one class have Wednesday afternoon free and all classes have Friday afternoons unoccupied. Saturday is, of course, not taken up by regular duties but there may be ball games to witness and some may not care to devote this time to these trips. It seems as if one trip a week might be taken and the number of interesting places well worth visiting will not be exhausted, even in one term. There are some who participate in the trips merely for the health and pleasure derived from them, but would it not be well for such to open their eyes, as it were? For instance, let us notice two students who go for a walk. The first may have his eyes closed to many things about him, the second will notice, here, a rare flower, there, a peculiar formation of rock, and in another place the notes of a bird attracts his attention. It is not so much that one knows more than the other, but that he is more observant. The former may have derived as much pleasure from the trip as the latter but it is evident that the latter has derived much more benefit from it and if any join in the trips this term let them be of the observing sort.

As students we ought to consider ourselves most fortunate with regard to the arrangement of the exercises for the term. The thoughtful and careful way in which the schedule has been planned not only greatly lessens the amount of labor necessary to accomplish the required results, but it also materially increases the opportunities for outside work and study on natural subjects. It has usually been the custom for the faculty to arrange for each class one free afternoon each week in addition to the Saturday holiday. Near the close of last term it was suggested by the N. H. S. that if the schedule for this term could be so arranged that each class would have the same afternoon clear, a much better

chance would be afforded for Natural History trips. Furthermore, what is of no slight importance, it would greatly facilitate the practice in, and carrying out of college athletics, and this without decreasing the actual amount of recitation work accomplished. As a result each class has now Friday afternoon of each week clear and an excellent opportunity is afforded for work, study or extended trips, according to individual inclination. We feel that we voice the sentiment of all in saying that we are grateful for this attention of our faculty. Let us further show our gratitude by improving to the uttermost the opportunities they have placed within our reach.

The spring term is upon us, the season of commencement, of out-door life, and of other pleasant associations, among them the time of base-ball. We are ready to begin active out door work to once more uphold the name of Aggie on the diamond. In order that we may keep up to the standard of former years, it is necessary that honest faithful work must be done on the campus this term. Good men left us when '91 graduated, but in their places, the advent of '95 brought us other good men, but good as the natural material may be, little can be accomplished without hard work and practice. Every man in college wishes to see a good team in the field, it therefore depends on every man in college to make the team that shall represent us a good team. Let every man who can play be on the field and show what he can do. "Competition is the life of trade," it is also the life of sport. The more competitors there are for a place on the team, the better will that place be filled. Every candidate will practice more faithfully, he will try better to remedy his defects, and the general character of the play will be improved. Do not let the captain do all the work. He will do more than his share, no matter how much the rest of the team may do. To those who do not play, we would say, have your hands and pocket-books opened when the treasurer makes his call upon you, and, with a good financial backing, our team may be expected to do good work the coming season.

"When that Aprille with his showers swoote
The drought of Marche hath perced to the roote,—"
WHEN Nature has shaken off her snowy mantle

and is attired in the verdant robes of the spring-time, when birds sing in the air and flowers send forth their first tender shoots, when all creatures appear happy and contented, then it is that the college student arouses himself from the lethargic sleep of vacation and realizes that there is a bright side to life after all. At no other time is college work and college sport so conducive to health and happiness as during the last few weeks of the college year. Whatever his occupation may be, the college student goes about with a cheerful and satisfied countenance in which sorrow and gloom have no place. His occupations are as varied as the landscape before him. Whether he busies himself with his lessons or devotes all his energies to "putting in time," he seems to enjoy life. The ambitious Freshman with trowel and can patiently conducts his search for *Symplocarpus foetidus* long before sunrise. The serene and undisturbed Sophomore armed with chain and transit prefers a later hour in which to roam o'er hill and dale of his college town. The flighty Junior deals death and destruction to the insect tribe, but a quiet and sunny afternoon best pleases his tastes. Let a single suspicious cloud darken the horizon and he is gone! The tall and reverend Senior is the only one whose spirits seem at all out of accord with the times, but even he will lay aside his thesis and win fame and honor on the diamond. Such is Aggie in the springtime. We can only hope that the present prosperity will continue to manifest itself, that happiness and good fortunes will attend each day's work, that glorious success will be the final reward.

FEMALE ATHLETES AT WILBRAHAM.

The ladies of Wesleyan Academy have organized a base-ball nine, and practice every fair day before a crowd of interested and enthusiastic spectators. When Aggie becomes co-educational, it is to be hoped that the Aggie-Wesleyan base-ball contests may be carried on by the representatives of the fair sex, and we doubt not that as much if not more interest will be taken in them than in those which are now witnessed between the members of the sterner sex.

—The Italian government has ordered English to be taught in all its colleges.

Contributed.

THE NEW INFANTRY DRILL REGULATIONS.

In this world of progress radical changes may be great or small; they may revolutionize or they may improve. "Everything is changing," are the words of the student of science, "Even to the shape of the earth." The change which will now be considered is the supersession of "Upton's Infantry Tactics" by the new "Infantry Drill Regulations, for the information and government of the armies of the United States."

What first strikes the eye upon perusing the volume is the change in name from "Tactics" to "Drill Regulations." A very good change it is, for the word "Tactics" has been wrongly used as a title for the book. "Tactics" is the science of handling troops upon the battlefield, their disposition, maneuvers and use so as to gain an advantage over a foe. Drill regulations pertain to the maneuvering of different military bodies, in the easiest and quickest manner, with the proper martial discipline, so that "Drill Regulations" is the proper title for what has formerly been known as "Tactics."

The direct reason for which the change was made was the change in modern warfare from the line of battle to the skirmish line. Wherever changes have been made, they are to accommodate the use of the maneuvers of the "Old Tactics" to the skirmish line, the foundation of the "New Regulations." Most of the principles remain the same, the improvements being designed to quicken the movements and to put the commands into as brief and pointed a form as possible.

In the "Old Tactics" the setting-up exercises, four in number, were simply used to give a soldierly bearing to the recruit. In the "New Regulations" we find seventeen exercises, their object being to give strength, ease, quickness, and confidence to the soldier, and to be used as military gymnastics by all the enlisted men. Many outsiders evince disappointment at the change in the manual, asserting that the beauty of the drill is thereby destroyed. Uniformity of movement was a benefit to the discipline of the soldier, when the line of battle was in vogue; then the men were trained to move as one,

and the perfect unison and cadence of all movements in order that masses might move as clockwork, was sought for.

But now it is thought by men who have made a study of the matter, that the modern soldier must be able to look after himself more, not being dependent on an officer for every movement or minor command. Keeping this principle in mind, the new manual has been built upon it as a foundation; each man executing the movements as quickly as possible, regardless of his neighbor, and executing all commands from any position in which the piece may be.

In marching, the steps and cadence are increased in length and time; the element of alacrity being here as essential for the proper performance of the maneuvers as elsewhere. The pride of every company, drilling with the "Old Tactics" was their wheeling which is dispensed with in the "New Regulations," for in modern warfare such movements are useless for prompt and quick action, and also because there is no possible use for them in the skirmish line. To execute the movements as quickly as possible appears to be the principle throughout, and it is this that the modern soldier must continually keep in mind. Show is not considered for a moment; everything must be prompt and decisive.

The battalion is now under the command of the major, instead of a colonel, as heretofore. The evolution of the regiment, with changes adopted to the skirmish line, takes the same place as the school of the brigade in the "Tactics."

In the "Regulations" the modern skirmish line is introduced; its principles are set down and the movements of the manual and all the other maneuvers are adapted to it. It consists of a firing party and a reserve; these carry on their firing in open order, each officer, and non-commissioned officer, having a command. Use is made of all natural and artificial objects and means to protect themselves while firing. This saves the men from the deadly slaughter of the gattling guns, grape and canister, and all other death-dealing inventions of the modern battle, that they were exposed to in the line of battle. Each man picks out one man and tries to kill him, catching him in some unguarded moment. Here also a point is brought out in regard to show; for now so much time has to be spent in target practice to fit the soldier for effectual firing, that no time can be

spent in "fancy" drilling. It is not this kind of training that the soldier needs on the skirmish line.

If any one will make a careful study and comparison he will see that the "New Drill Regulations" are far superior to the "Old Tactics" in modern ideas of war and the methods of carrying on a battle.

COMMUNICATION.

It has been suggested that the members of the different musical associations here in college, the Glee Club, the Banjo Club, the Orchestra, and the Band, give a recital some evening in the near future. Many have attended but one concert by the Glee and Banjo Club which called forth a large attendance of the students as all the other concerts were given out of town. All have heard the Orchestra and the Band at their rehearsals and especially the latter on drill but aside from this we have had but few opportunities.

An entertainment furnished by all the above associations would certainly be enjoyable as all are in the best of practice at the close of their season's engagements and would it not be a fitting termination to allow the members of the college and their friends an opportunity of hearing the talent which has proved an honor to the college by their appearance in this and other towns. Undoubtedly the faculty would allow the use of New Chapel for such a purpose. Of course the first thing necessary would be to ascertain whether the members of the associations would appear in such an entertainment but probably none of them would be unwilling to furnish their fellow students such an evening of enjoyment.

With some of the members it is their last year in college and now seems to be the most convenient time for such an entertainment for as the term progresses they will become more engaged in their work and feel that they do not care to give the time and also that the evenings are occupied by other duties.

Now let someone who is interested in this matter interview the leaders of our musical associations and arrange if possible some date when an entertainment will be given and the students will certainly show appreciation enough to repay the members for their kindness.

STUDENT.

FUN ON THE DIAMOND.

Oh, it's jolly good fun to play base ball,
 As all of us know,
 Who wish to develop our muscle,
 As older we grow.
 Athletics in school and in college
 Are now all the rage,
 And in some form of this recreation
 Each one must engage
 Who would not be reckoned a fossil,
 Or tell by their looks
 That his classmates have turned the cold shoulder
 And left him his books
 Alone for his friends and companions.
 So dreading this fate
 The Freshman takes lessons in base-ball,
 Both early and late,
 And after some fingers are broken,
 Some bruises and sprains,
 He finds himself somewhat proficient
 And has for his pains
 The great satisfaction of knowing
 That he in his turn
 Can aid some unfortunate fellow
 The lesson to learn.

THE MOCK TRIAL.

On Friday evening, Mar. 18th, most of the students assembled in Old Chapel to witness a "Mock Trial," in other words, "A Ready Made Suit," under the direction of the Washington Irving Literary Society. The prisoner, Kirkland, personated a woman who had been arrested for marrying nine successive husbands, all of whom were present, and acted as witnesses. The first husband was A. Davis, an American tailor; second, E. C. Howard, a French tailor; third, Curtis, a French tailor; fourth, Cutter, an Italian tailor; fifth, W. L. Morse, an English tailor; sixth and seventh, Gifford and Park, two Jews of the same firm; eighth, G. E. Smith, an Irish tailor; ninth, C. M. Dickinson, a ladies' tailor. Potter acted as judge, Staples, prosecuting attorney; F. H. Henderson, prisoner's council; Hoyt, clerk of court; Spaulding, sheriff; and Melendy, H. D. Clark, R. E. Smith, Harlow, Fowler, Smead, Weed, Stockwell, Alderman, Merwin, Sanderson and F. A. Smith, jurors.

The jurymen were sworn in and the charge was read. The prisoner pleaded "not guilty." One by one the witnesses took the oath and testified. Then the prisoner spoke with great effect in her own defense, while the jurors went to sleep in order to

remain unprejudiced by her statements. Finally the prisoner's council and the prosecuting attorney summed up the matter and the prisoner was pronounced by the jury as N. G., not guilty.

A notable feature of the trial was the droll costumes of the participants. The marked success of the entertainment, as well as the pleasing manner in which each part was rendered, reflects great credit on those who had it in charge.

BASE-BALL.

Crane and Curley will pitch.

Curley, '93, will take care of the left field territory as usual.

Davis, '93, and Davis, '94, are candidates for right field.

Howard, '93, will resume his old position at second base.

Clark, '95, will probably play short stop. He is very quick and an accurate thrower.

Howard, '94, is a good batter and is sure of a fly ball, and will be given a chance in centre field.

Fletcher, '92, has been moved up to third base and can be relied upon to do good work. He is batting better this year.

Read, '95, will be given a chance to show his ability at first base. He is very tall and is a good mark for the infielders. He is a slow runner.

It is altogether too early in the season to prophesy what the men are capable of doing, but as soon as a few games are played, criticisms of the men will be published in the LIFE.

The men who are to play on the 'Varsity team this season have not been fully decided upon. Sullivan, '94, is at present catching and seems to be the only available man for the position.

There are base-ball and foot-ball, each distinct as a game, But you'll be much surprised when I say they're the same, Yet "Math." teaches us, plain as the nose on your face, That the base is the foot, and the foot is the base.

Of Samson we're told in the scripture of yore,
 Though he brought down the house, he received no encore.

—The finest classical library in the country is that of the University of Pennsylvania. It has recently received an addition of 20,000 volumes belonging to the late Prof. VonLentsch.

College Notes.

SCHEDULE.

GENERAL EXERCISES.

8-15 A. M.,	Chapel.	10-30 A. M.,	Church, Sundays.
8-30 A. M.,	Insp. of Rooms, Sat.	4-15 P. M.,	Drill, M. T. Th.

CLASS EXERCISES.

SENIOR.

A. M.			
8-30.	Constitutional History.	Landscape Gard'ng, T. Th. F.	
		Agriculture, W.	
9-30.	Agriculture, M.	Landscape Gardening, M.	
	Geology, T. W. Th.	History, T.; English, Th.	
		Chemistry, W.	
		Military Science, F.	
10-30.	Veterinary Science,	Entomology,	
11-30.	Chemistry, M. T. W.	Physics, first half term.	
	Agriculture, Th. F.	Entomology, second half term.	
P. M.			
1-45.		Chemistry, M. T.	
		Landscape Gardening, W.	
2-45.	Military Science, M.	Chemistry, M. T.	
		Landscape Gardening, W.	

JUNIOR.

SOPHOMORE.

A. M.			
8-30.	Agriculture, M.	Botany, M.	
	French, T. W. Th. F.	Geometry, T. Th. F.	
		Chemistry, W.	
9-30.	French, M.	Geometry, M.	
	Agriculture, T. W. Th. F.	Botany, T. W. Th. F.	
10-30.	Surveying, M. T. W. Th.	Agriculture,	
	English, F.		
11-30.	Surveying, second half term,	English, M.	
	M. T. W. Th.	Latin, T. W. Th. F.	
	Military Science, F.		
P. M.			
1-45.	Horticulture, M. T. Th.	Chemistry, M. T.	
2-45.	Horticulture, M. T. Th.	Chemistry, M.	
		English, T.	
		Military Science, Th.	

—S-l-i-d-e!

—Shaw, '95, now rides a wheel.

—W. Fletcher has just returned.

—Plumb, '92, has been on the sick list.

—Amherst college will open to-morrow.

—The Hatch barn is nearing completion.

—Harvey Shores, '91, was in town last week.

—Kimball, ex-95, visited the college Fast day.

—Bulletins from both stations are now in order.

—It is expected that the marks will be out before long.

—Prof. Mills was unable to meet his classes last Friday.

—Several broken windows in the drill hall are noticeable.

—E. D. White is with us, able to resume his college duties.

—Sastré, ex-95, is making Amherst his home for the present.

—C. A. Goodrich, '93, visited the south during his vacation.

—The fountain in front of South College is once more playing.

—President Goodell was once more on the war-path last week.

—Trailing arbutus is at present the favorite button-hole boquet.

—A quartet from the Gleeclub sang at the funeral of L. D. Cowles.

—Deuel, '92, has been riding on a brand new pneumatic safety.

—It was a motley crowd that witnessed the first game of the season.

—Maj. Clark assisted by Capt. Rogers inspected the rooms last Saturday.

—The chemical laboratory has been provided with several new conveniences.

—Superintendent F. S. Cooley had the misfortune to sprain his knee last week.

—According to custom the meetings of the W. I. will be discontinued this term.

—Lieut. Cornish has been seriously ill during the vacation but is now convalescent.

—The weather has been very favorable for outdoor sports since the term opened.

—Prof. Paige has had a room fitted up in the old chapel building for laboratory use.

—The base-ball team will be attired in more serviceable uniforms the coming season.

—The roads about the college have been put in good condition by the farm department.

—Quite a number of the students remained during the last vacation to work about the college.

—The diamond has been smoothed and is now in very fair condition for this time of the year.

—C. B. Lane, '95, has returned to college. During last term he has been employed at Storrs' School, Ct.

—The Natural History Society enjoyed a profitable tramp after arbutus last Friday afternoon.

—The meteorological observatory is soon to be connected with the United States signal service.

—The customary number of conditions seem to be floating about in various parts of the college.

—Repairs have been made during vacation on several of the dwelling houses owned by the college.

—J. E. Bardin, '93, will not return to college this term but expects to continue with his class next fall.

—W. H. Ranney, ex-93, is now proprietor of a grocery store in North Amherst; we wish him success.

—The orchestra will furnish music at an Easter ball to be held by Co. K in their armory Monday, April 18.

—The senior class was entertained by M. H. Williams at his home in Sunderland last Thursday evening.

—Prof. Brooks addressed the Holyoke board of trade on the judicious uses of manures and fertilizers, last week.

—President Goodell will take charge of the sophomore French until Lieut. Cornish is again able to attend to his duties.

—F. T. Harlow has been elected vice-president of the Junior class to fill the vacancy made by J. E. Bardin who will not return to college.

—An unusually large number of the students failed to appear at the opening of the term probably due to their desire to spend Fast day at home.

—The tennis season will soon be at hand. Is it not about time for the music of the garden rake and the creak of the old stone roller to be heard once more on the deserted courts?

—Last Tuesday a mass meeting was held in Old Chapel for the purpose of raising funds for the base-ball association. It is hoped that the subscriptions will be promptly paid.

—A number of students attended the W.C. T.U. State Convention held at the Village church last week. Among the speakers were Lady Henry Somerset and Mrs. Francis E. Willard.

—The following are the officers elected for the Freshman class for this term:—President, H. A. Ballou; vice-president, C. B. Lane; class capt.,

H. B. Read; base-ball capt., E. H. Clark; sec. and treas., T. P. Foley.

—There is a tendency on the part of some students to leave the walks and cut cross lots when on their way from one part of the grounds to another; this should be stopped at once as its injurious effect on the lawns is apparent.

—The report of the board of control of the State Experiment station for the year 1891 has been issued and contains matter which should be of interest to every agricultural student. The report may be obtained at the station by application.

—The class of Ninety-four has elected the following officers for the ensuing term: president, R. E. Smith; vice-president, A. J. Morse; secretary, H. M. Fowler; treasurer, G. H. Mewin; class captain, E. L. Boardman; sergeant-at-arms, P. E. Davis.

—Last Saturday President Goodell received a check of \$10,000, the amount due the college under the provision of the Public bill, 249. There are two additional payments due which can be had only when the expenditure of the first has been accounted for.

—Mr. W. B. Court has purchased for the Y. M. C. A. a sufficient number of Gospel Hymns, Number 5, to supply the association. As the gift supplies a need it will be very acceptable. Mr. Court has also recently presented to the library a number of valuable works.

—It is rumored on pretty good authority that the class of '92 is about to place a fine clock in the tower of new chapel. If such is the case, the seniors are to be commended for the wisdom in their choice of a gift, as probably no other article would be more thoroughly appreciated.

—A practice game was held on the campus Fast day, a picked nine from town being the opponents. It was a loosely played game and although our team was easily the victor, the absence of a few regular players was to be noticed. Now that the season has begun let there be good steady practice by the nine, and hearty support on the part of the college will result.

—Several of the schedule hours this term that justly belong to Junior chemistry have been substituted by lectures in other departments. Certainly laboratory work is of sufficient importance to allow

of more than three hours a week, and an increase would be very acceptable by the Junior class, provided this could be done without adding to the already full schedule.

The following is the base-ball schedule for the coming season :

April 20,	Amherst '95	at	M. A. C.
" 27,	" " "	"	Pratt Field
May 7,	Mount Hermon	"	Amherst
" 14,	Worcester Tech.	"	Worcester
" 18,	Trinity	"	Amherst
" 21,	Mount Hermon	"	Mount Hermon
" 28,	Wilbraham	"	Amherst
" 30,	Trinity	"	Hartford
June 4,	Worcester Tech.	"	Amherst
" 11,	Wilbraham	"	Wilbraham

Mr. E. H. Lehnert, will officiate as umpire this year; G. O. Sanford will act as scorer.

GEO. E. TAYLOR, Business manager.

A MUCH NEEDED IMPROVEMENT.

It would be difficult to find another college in the country which can equal our own in the beauty and picturesqueness of its grounds and surroundings. The students realize this and are justly proud of it, but any one who, on a rainy day, has occasion to walk from North College to the Boarding Club House can but recognize the fact that this particular part of the grounds has been sadly neglected in the work of improvement. At such times the surface of the ground is in a state that cannot be truly called either solid or liquid, and whether to walk or to swim is the question which frequently presents itself to the members of the Club.

It makes little difference whether we start from North College or from Old Chapel, the condition is the same. The mud in places is ankle deep and the water flows down the slope in torrents. Upon reaching the ravine, a careful observer may see the remains of what was once a tar walk extending from the ravine as far as Dr. Walker's residence. A part of this walk would be in fairly good condition were it not for the fact that, owing to the faulty construction of the road bed, the walk is much lower than the road and is in reality nothing but a gutter along which on wet days, all the surface water flows to the ravine. Water may be preferable to mud, but it is very unpleasant, to say the least, to splash

along in one or two inches of water. From the upper end of the walk to the club house, the mud is at its worst and as a consequence the lawn suffers.

This portion of the college grounds is more traveled than any other part, and we can but wonder why the convenience of the students is not considered more than it is. Every day in the week, more than seventy men go and come from their meals three times a day, and, oftentimes, unless rubber boots are worn, it is impossible to do so with dry feet.

What is needed is a good tar walk from the Old Chapel down across the ravine to the Club House. The construction of such a walk would undoubtedly be quite expensive, but the Boarding Club is an institution which has been and will be of great benefit to the college. There are few ways in which money could be spent more to the satisfaction and appreciation of a majority of the students.

F. H. H.

COLLEGE FINANCES.

At last the question of the disposal of the money received by the State according to the act passed by Congress in 1890, seems to have reached settlement. The Supreme Court of Massachusetts has recently handed down its decision, giving to the legislature the power to divide the money according to its judgment.

The original Morrill grant of the United States gave to the state of Massachusetts 360,000 acres of the public lands, in land scrip, for the purpose of founding a "College of agriculture and the mechanic arts." Because of this wording in the bill, the Institute of Technology was able to obtain one-third of the income of this grant, although the intention of those who framed the act was that agriculture should be the most prominent subject taught in the institution thus supported.

When, in 1890, the bill appropriating \$15,000 for the maintenance of the college, the sum to be increased—\$1,000 yearly for ten years and then to become permanent—was passed, the same wording, "colleges of agriculture and mechanic arts," was used, the intention being to include under its benefits the institutions that were established under the provisions of the Morrill act. The bill was passed through the untiring efforts of the friends of the

Agricultural College, alone. Great was the surprise when the Institute of Technology laid claim to a large portion of this sum. The state treasurer refused to pay out the money on account of the conflicting claims, and the matter was brought before the Legislature. The question was referred to the committee on finances, which finally reported a bill dividing the grant so as to give the Mass. Agricultural College two-thirds and the Institute one-third. The bill finally passed, practically put the matter into the hands of the Supreme Court of Massachusetts. This body was to give its decision last November, but it was only recently that it reported, upholding the power of the legislature to decide the matter. Such being the case, the last bill takes effect and the college has made formal application for its share of two-thirds of the fund.

The first installment of this fund has been received by both institutions and as soon as its disposal has been accounted for, the other back payments will be received.

F. T. H.

Alumni Notes.

Ruggles, '91, is night operator at the Milton electric light plant.

Paige, '92, will play on the Cornell nine this season. He will terminate his course at Cornell this spring and fit for Y. M. C. A. work either at Chicago or Springfield.

W. C. Parker, LL. B., '80, has been elected member of the common council in Boston.

H. N. Tolman, '87, has moved and is now in the employ of H. M. Whitney, 39 Court St., Boston.

M. A. Carpenter, '91, has accepted the position of Assistant Horticulturist at the Hatch Experiment Station.

Married, at North Amherst, March 24, E. H. Dickinson, '88, to Miss Nellie G. Cowles.

—The candidates for the Yale Varsity crew average eight pounds lighter than the crew of last year.

—There are ten schools and colleges in the United States which afford instruction by correspondence.

—Over sixty men at Columbia will take part in the Princeton-Columbia athletic games.

PRAYER-MEETING TOPICS.

April 21—Our Standard as Christians. Col. 3; Heb. 12:1-3. W. A. Root.

April 24—Living in Christ. I Cor. 3:20-24; Col. 2:4-10; Eph. 3:13-21. E. A. White.

April 28—True Wisdom. Ps. 111; James 3:13-17. E. A. Hawkes.

May 1—Keeping the Sabbath. Ex. 20:8-11; Mark 2:27; Luke 6:1-10. J. B. Knight.

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GLOVES, ETC., ETC.

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AMHERST, MASS.

INVITATION.

The athletic management has received the following invitation from the athletic club of the Schuylkill navy:

"To the Massachusetts Agricultural College: You are cordially invited to participate in the athletic field tournament for American colleges to be held at Philadelphia, under the auspices of the athletic club of the Schuylkill navy, May 17 and 18th, 1892.

EUGENE ZIBER, Chairman.
W. SCOTT SHEARD, Secretary.

INTERCOLLEGIATE.

—A number of Brown students have applied for entrance to the new Chicago University.

—The Maine Intercollegiate Base-ball Association comprises Bowdoin, Bates and Colby.

—The total expense of the Yale nine last year was \$8,950.85.

—It is estimated that we have ten colleges in the United States where England has one.

—At Cornell, 512 students receive free tuition each year.

—The Harvard Dining Association now comprises over 1000 members.

—Between four and five acres have been assigned for the exhibit of educational institutions at the World's Fair.

—At a recent visit to the University of Michigan, Hon. Grover Cleveland was honored by an initiation into the mysteries of the Sigma Chi Fraternity.

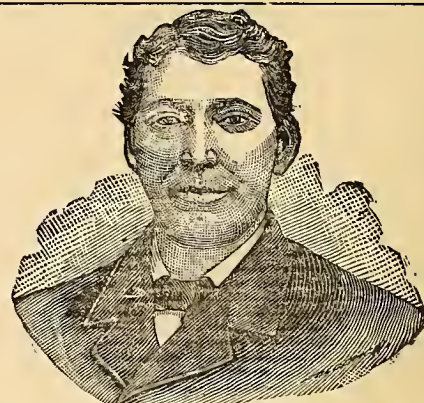
—It has become necessary to offer a prize to the young ladies of the North-western University in order to secure regular attendance at breakfast.

—College base-ball was first introduced at Harvard and Brown. Harvard, '66, won the first game from Brown, '65, with a score of 27 to 17.

—The Yale faculty have at last voted to admit women to the post-graduate course and permit them to receive the degree of Ph. D.

—The University of Cambridge is composed of 17 colleges and more than 3000 students are preparing for degrees.

—Since her foundation, Yale has had 25 publications. The *Cabinet* founded in 1806 being the first and the *Y. M. C. A. Record*, of 1891, the last.



Business is business. FRANK WOOD will get up Spreads for the Boys this winter. Send your orders right along to get there first.
FRANK P. WOOD.

**JOSEPH PARISEAU,
HAIR DRESSER.
RAZORS HONED.**

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" " " Wednesday delivered Saturday.
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Fruits and Fancy Groceries.

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AMHERST, MASS.

M. O. PEASE,

Merchant Tailor,

AMHERST, - MASS.

—Amherst ranks sixth among American colleges in respect to the amount of her endowment fund.

—Out of a total of 221 students at Alleghany College, 192 are members of Greek letter fraternities.

—In the series of ball games between Harvard and Yale, the latter has scored 502 runs and won 39 games; and Harvard 527 runs and 32 games. In the Yale-Princeton series, Yale has won 39 games with 479 runs and Princeton 15 with 307 runs.

—At a meeting of the U. S. National Lawn Tennis Association, held recently, it was voted to make the States-scholastic Tennis Tournament, to be held annually at Harvard, a national tournament, and that all American institutions be invited to send representatives.

—Through the liberality of Gen. Butterfield of New York, Union College has a finer lecture course than any similar institution in the country. Among the list of lecturers, are included such names as Wm. McKinley, Jr., Andrew D. White, Andrew Carnegie, Chauncey Depew and many other famous men.

NOTICES.

Mails leave the college for the post-office at 1 P. M. and 7-40 P. M. on week days. On Sundays it leaves at 4-45 P. M.

At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M.

Springfield, New York, Washington, Southern and Western states, 7-45, 10-45, A. M. 4-00, 6-45, 8-30 P. M.

Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10-45, A. M. 4-00, 6-45 P. M.

Fitchburg, North Adams and the North, 8-30, 10-45 A. M. 4-00, 6-45 P. M.

Northampton and Holyoke, 10-45 A. M. 6-45, 8-30 P. M.

Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

The President will be at his office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 4 to 5 P. M. on Saturdays throughout the term.

The museum of natural history will be open to visitors from 2 to 4 every afternoon except Saturdays and Sundays.

The college library will be open from 2 to 4 P. M. and from 6-30 to 8 P. M. week days. On Saturday also from 8 to 12 A. M. and from 1 to 4 P. M., and on Sunday from 12 to 3 P. M. only.

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AGGIE LIFE



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AGGIE LIFE.

VOL. II.

AMHERST, MASS., APRIL 27, 1892.

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Editorials.

SINCE the last appeal for contributions from the alumni to AGGIE LIFE was made by the old board, the new board not willing to be behind its predecessors in any way, wishes to add their appeal to that of the former board. Articles contributed by the alumni often make the most interesting portions of the paper, and in this department, we have been, and still are, lacking. Many of our alumni are in positions which we will sometime occupy, and in view of this fact, contributions from them would help us to see our way plainer when we leave Aggie. But even if the contributions were not merely statistical, they would still have an interest to us, who are still within Aggie walls, for we want something in our columns from the outside world; we do not wish to be like the chrysalis, shut up within ourselves. Many of our alumni are engaged in literary or journalistic pursuits, and hence are eminently in position to contribute to their college paper, for it is really as much their paper as it is

ours. Its columns are open to them for their suggestions, reminiscences, propositions, and in addition to this, it brings the undergraduate body in much closer union with the graduate body. Our circulation among the graduates of the college is growing, hence we offer a source of communication between yourselves. Will not our alumni see that this department of our paper stands where it should?

THE base-ball management is pleased with the attendance at the two games which have thus far been played on the home grounds. The success of a game often depends in a great degree on the encouragement which the players receive from the spectators on their own side. Brisk and lively cheering conducted in the right manner at the proper time, also gives a certain stimulus to the game which can be gained in no other way. It is hoped that in the remaining games a still larger number of students will avail themselves of this opportunity to aid in upholding the honor of the college. A student must not think that by subscribing a dollar or two for the support of the association he is doing his whole duty. Let every student attend the games whenever opportunity will allow, and attend because of an interest in the game and in the welfare of the college.

IN the opinion of the judges, the Sophomore and Freshman declamation exercises held in the old chapel last week surpassed in excellence any similar exercise that has been held at the College for many years. It is to the credit of both students and instructors that this is so. In declamation as well as other accomplishments, success can be obtained only by hard earnest work, and it is to this and this only that the merit of last week's exercises was due. In every college it is generally conceded

that its record in athletics has much to do with the prosperity of the institution, and knowing this to be a fact, the students take pride in advancing the interests of their college by aiding in every possible manner the base-ball, foot-ball, and other athletic teams. At Yale and Harvard the students have asked the question, If the athletic record of an institution has so much to do with its prosperity, why cannot the rhetorical ability of the students be made of a like importance? In furtherance of this idea, joint debates have been held by contestants from both universities. Let us keep in mind the fact that the oratorical ability of the students as set forth by public exercises in declamation, cannot but have much to do with the modeling of public opinion concerning a college. Is it not, then, as much our duty to advance the interests of our *alma mater* by doing our best in the department of English as by contributing to the support of the base ball association?

MANY students have questioned the advisability of holding a class base-ball series this season. It hardly seems as if there was the necessary time between now and commencement for the furtherance of such contests. The schedule would have to be arranged for Wednesday and Friday afternoons or Saturday but this is not advisable as the greater part of this time is already taken up by the games to be played by the college nine. It is necessary for the college team to have as much practice as possible so that they may have a successful season and if class games are to be held we fear the members of the regular team will devote more time in practising for the class games than they should. With the preparation of their commencement work and their numerous other duties it hardly seems as if the members of the senior class would care to devote any time for such games. The junior class may not wish to participate in these games but devote their time to something else. But even if we are to have no regular contests between the four classes we think this should not deter the teams from the sophomore and freshman classes from arranging at least, one or more games. This is a college custom and should not be outstripped. The members of these two classes may think their time well taken up but they can probably find some

leisure for practice and, before commencement, meet and decide the superiority of one or the other on the diamond.

For some time it has been rumored that the senior class was to place a clock in the chapel tower. The rumor became a certainty when the machinery arrived and active preparations were begun in the tower. The work has been completed and the bare faces which have so long given the chapel tower an unfinished appearance are now a thing of the past. The class of '92 may well feel repaid for any sacrifice which the gift may have cost, for the clock will be a reminder of their generosity to their *alma mater* to all those who come here from year to year. Such cannot fail to be appreciated by all those who have the welfare of the college at heart. It is to be hoped that succeeding classes will imitate the example of the class of '92 in this matter and show their appreciation of the privilege which they have enjoyed as students, by presenting to the college such substantial gifts as their means will allow. It requires but a moment's reflection to call to mind improvements about the college buildings and grounds which afford opportunities for coming classes to show their liberality and interest in the college. There is much satisfaction to a student or graduate in the thought that he has contributed to something which as it is looked on or used in coming years will be a remembrance of the generosity of his class. There can be no doubt that money spent for such a purpose will prove to be a paying investment.

HOMEWARD BOUND.

Onward thou gallant ship! nor fear
The raving tempest's wrath!
Out brave it all and boldly steer
Right on the homeward path!
I long to hear the Ocean's foam
Dash on my native strand;
I long to breathe the gales that come
From my own fatherland!

I long, oh! how I long to see
The elm o'er shadow'd cot,
Of all this clouded world to me
The only sunny spot!
My home! how sweet the sound—my home!
Scenes of my Eden hours,
Where love and joy and pleasure bloom,
Life's bright perennial flowers.

Contributed.

THE VALUE OF NEWSPAPERS.

If we stop to consider the many ways in which an intelligent person may obtain knowledge, we shall find that newspapers stand out with as much prominence among these, as does electricity among the powers of the material world.

What are newspapers? They are defined as periodical publications containing intelligence or reports of passing events. They present items of public interest on science, politics, religion, commerce, as well as trade, market, and money reports. There are general and special newspapers; the one containing matter of general interest, the other confined to particular subjects as religion, temperance, politics or law.

The value of a thing lies in its power or capacity of producing effects. On discussing the value of newspapers I cannot enter upon the discussion of specialties, but will attempt to show the many ways in which the general newspapers are valuable, and to show to what classes of people they are useful. They are valuable first for the information they give.

What would the enterprising farmer do without his weekly agricultural paper? Would he be successful in his chosen occupation? Moreover, would he hold his position of trust and responsibility in town or state, if not conversant with such topics as are brought directly to him by his newspaper? What would the merchant do without his newspaper to warn him of the fluctuations of the markets, or the impending corner in some class of goods?

What would the minister do without the newspaper from which to draw sketches to illustrate his sermons and interest his people? He who would be a successful scientist must know what his colleagues are doing, their methods and the work accomplished by them. Can progress be made when each scientist is plodding on in his own little treadmill? What of the process of invention with its ever increasing mastery of nature—could this go on with its present rapidity without the aid of newspapers? I say no! Without them, a hundred inventors might waste their power trying to supply a want already being filled by the invention of some more fortunate person.

Can we imagine a political party without newspapers as the acting ferment in all their campaigns; in the existence of a great modern nation without this medium through which the thoughts of individuals may be transmitted to the masses?

Secondly, newspapers are valuable as protectors. Do they not protect us from greedy politicians who, but from the fear of exposure by the paper with its attendant public censure and ridicule, would not scruple to use their power for the most selfish ends? Without an entire transformation of human nature as existing to-day, we cannot conceive of an administrative body with even the semblance of the laws of justice, if freed from the fear of exposure through its medium of newspapers. They are a potent means in sustaining the morality of such bodies. More than this, they protect us from unprincipled men of all classes, who but for the warning of newspapers, would revel in their plunder.

Thirdly, newspapers have a commercial value. Think of their advantages to advertisers, and even to the patrons of those who advertise. No matter how great its merit, of what value is an article to a producer unless those merits are brought to the notice of the public. A knowledge of the daily changes in the money markets is of great financial value to stockbrokers and speculators.

Fourthly, newspapers are valuable as educators. Where their influence has gone, old ideas have given place to new, and prejudices have disappeared as the people became more enlightened.

Patriotic men have found newspapers a helpfully in every effort for advancement. Not only in the era of prosperity have they been an active force, but when storm clouds have hung over our nation; they have been in the field, and nobly performed their part in the struggles. Did not such men as framed the constitution of the United States recognize the value of newspapers, when they inserted the amendment, that Congress should make no law abridging the freedom of the press?

But the public finds in the journals of to-day much to criticise, and in a degree these criticisms are just. Perhaps the most serious charge is that many papers are not reliable. The desire to make a readable paragraph, or administer an effective rebuke, will too often tempt to a forgetfulness of the truth and duty. But the press is by no means

hopelessly corrupt. It has faults, but they accompany almost every agency for good in a like proportion. Who is responsible for these faults? Is it not as much the patrons as the editors? People criticise the faults and then buy the papers that contain them. When we awake to the fact that the purity of our newspapers depends upon us, a demand will be made for a higher standard of journalistic work, which will meet with a ready response.

Let the newspapers go on with their work of enlightenment; let the public extend a helping hand by a generous patronage and careful discrimination, and the newspaper of the future will be all we desire. It has earned its place by faithful service, and as long as reforms are sought, or information of any kind is to be given, it will have in the American home an influence even greater than that of the wisest statesman.

G. E. T.

THE NEW BAND STAND.

Music will soon add its charms to student life at Aggie. We are to have the pleasure of an evening open-air concert once a week, through the warmer months of our college year. It is to be given by the college band which has kindly volunteered to furnish the music, and for this we should be truly grateful, showing our appreciation by giving them a hearty support. That we shall enjoy the music, there is not a doubt, and that is far better, no one will deny, than listening to their practice in Old Chapel as we have had to do until now. It is a step in the right direction toward making our college life brighter and happier; and it is a movement which will make our college more popular and better known.

For the accommodation of the musicians a band stand is to be erected upon the campus, near the colleges. The exact site is east of South College, in view from the south side of North college, between the tar walk and the back-stop of the baseball field. It is to be a wooden structure, square at the base, fourteen feet in height, with a pitch roof. The base will be made of matched boards, fifteen feet on a side, and six feet high; the top will be the platform of which there is nothing of importance to be noticed except that the centre will be slightly raised. In one side of the base will be placed a door which is to be used in entering the band stand,

and which will communicate with the platform by steps and a trap-door. The roof is to be supported by four square posts eight feet high, at each end of the platform; and to insure firmness, four curved braces will be fastened to each post and the roof. They will not only add to its strength as a building, but being of artistic design will add to its beauty. To give it a neat and finished appearance, the roof is to be shingled and an ornament erected on the top. It has been put in the hands of a builder who will erect it in a manner that will give satisfaction to all and whose orders are to do the work strictly in a first class manner.

From the design and plan, which was very kindly drawn for us by Professor Maynard, it is unquestionable that not only will the band stand be a credit to the students, who, aided by the Faculty and a few of the alumni, will pay for its erection, but it will also be an ornament to the college to which we can always point with pride.

WORLD'S COLUMBIAN EXPOSITION.

Every student and alumnus will be interested to know that our college and its work is to be well represented at the coming exposition. Both the Hatch and the State Experiment Stations as well as the college will send exhibits representing the work of the various departments.

The college and the Hatch station are to send, jointly, the following exhibits: a collection of native woods numbering some 70 or 80 specimens, a collection of plaster of Paris models of fruits and vegetables showing the progress made in horticulture by exhibiting, side by side with the original stock, samples of the perfect fruit; a topographical map of the college grounds, locating the roads, walks, buildings, crops, forests, etc., photographs of the buildings and educational appliances, and bound volumes of all publications.

The State station will send exhibits of wastes used for fertilizers, of fodder articles, photographs illustrating the effects of fertilizers on growing crops, photographs of the station buildings and others showing the work done by the department of vegetable physiology. These exhibits are to be full and complete and will give to the world a good idea of the work that is being done by our college and by the experiment stations.

The forestry building at the Exposition is to be an oblong structure containing a bay window for each state, the material for these windows to be furnished by the states they represent. Pres't Goodell has charge of collecting and forwarding the material to be used in the Massachusetts exhibit and the work has been done by J. W. Howland and Walter D. Cows. The elm was the typical tree selected to represent the state, and this is to be flanked with chestnut and maple, the whole to be filled in with rustic work of other native woods.

A WARNING.

At his home in the quiet of even
Sits a youth with his cheeks all aglow
As he tells with a feeling of pleasure
How he outranked his classmates you know.

He tells to his kind loving parents,
While his brothers sit listening there,
How oft' in the dim light of morning,
He has risen his work to prepare.

He tells of his excellent standing;
He worked hard his classmates to lead.
When suddenly looms up before him
A paper he scarce dares to read.

"Your son," reads the paper, "has failed, sir,
This term in his studies to pass;
And thus, we regret, sir, to say it,
Drops back just a year from his class."

Aghast at this terrible message
Sits our youth 'neath his parents' sad eyes,
Life seems, of a sudden, to darken,
As he loses his grasp on the prize.

Then he thinks that he feels himself falling,
While his brothers grow dim to his view,
Till he suddenly wakes from his slumber,
At a sound which has often roused you.

As he hurries to finish his toilet,
In his haste for his breakfast to start,
He resolves in the future to study,
And to learn every lesson by heart.

The University of Nebraska has abolished the time-honored names, senior, junior, sophomore and freshman, and in future no distinction will be made in nomenclature, save in the case of freshman year, which will be known as "first year of residence." The number of hours per week taken by each student determines his advancement.

BASE-BALL CRITICISM.

The second game of the season was a decided improvement over the first. The men individually played a strong steady game, with some improvement in team work.

Hard, heavy hitting characterized the second game showing plainly the benefits that have been derived from the winter batting practice.

In running bases our opponents have completely outplayed us, and the inability of our men in this respect at critical periods in the game has been severely commented upon.

Bagg, '95, is slowly improving behind the bat, but is slow in throwing to bases. He should watch his chances more closely.

Read, '95, is still playing first and doing fairly well for a new man. He is weak on low balls and in batting.

Howard, '93, played miserably at second base the first game but in the second showed decided improvement in both fielding and batting.

Clark, '95, is still playing at short stop, and is doing fair work. He shows a tendency to step back from the plate when at bat, thereby lessening his chances of making a long hit.

Fletcher, '92, has done very satisfactory work at third base, making some good stops and batting exceedingly well.

Curley, '93, in left field is playing a steady game but is injuring his batting reputation by trying to hit the ball too hard.

Howard, '94, in center field is sure of a fly ball and leads the nine in batting but has a tendency to step back from the plate too often.

Sullivan, '94, covers right field in fair shape but has to improve in batting.

The work of the team in the last game was very satisfactory considering the time of year and the number of games that have been played. Team work and improvement in base running will come as the season advances.

The students have shown considerable interest in the first few games, but more is needed to encourage the nine on to victory. This was plainly evident in the first game when a little cheering would have won the game easily.

College Notes.

—Keep off the grass.

—The campus is very dusty.

—Where does the hand-stand?

—April 14, '95 appears in class caps.

—Potter, '95, has returned to college.

—Lyman, '92, is absent from college.

—Aggie vs. Amherst, '95, to-day at 3 P. M.

—E. T. Clark, '92, spent Sunday in Boston.

—W. C. Duffield is spending a few days at his home.

—Commencement theses are due from the Seniors May 2.

—Lieut. Cornish has again resumed his duties at college.

—C. F. Johnson, '94, has not yet returned to college.

—Capt. Willard took charge of the inspection last Saturday.

—H. J. Mann, '94, and S. B. Marvin, '94, have left college.

—The Boston University year book for 1892 has just been issued.

—The evergreen trees in front of South College are being removed.

—Hubbard, '95, has left college for this year, but will re-enter in the fall.

—S. F. Howard, '94, made a short visit at home in Wilbraham, last Saturday.

—Crane struck out thirteen men in the first game with the Amherst Freshmen.

—Slaters are now at work repairing the roofs of South College and New Chapel.

—Hot water in the bath-room would be very much appreciated by the students.

—H. J. Putman, '94, and F. L. Greene, '94, spent Easter Sunday at their homes.

—Clark, '92, and Sanford, '94, are taking some brisk training in running this term.

—The orchestra played at the "Easter Monday" ball, given by Co. K at their armory.

—P. E. Davis, '94, was called to his home last week on account of the sickness of his mother.

—April 13, the local chapter Phi Sigma Kappa was photographed by Schillare of Northampton.

—The students are pleased at the early arrival and distribution of the mails at college this term.

—Rev. E. G. Selden of South Church, Springfield, Mass., occupied the college pulpit last Sunday.

—Frequent excursions were made by the students to the chapel tower, while the clock was being set up.

—Copies of the report of the state board of agriculture for the year 1891 have been distributed to the students.

—G. A. Hubbard, ex-'95, will as usual play 1st clarinet in the orchestra and band in their engagements this term.

—The men from the Junior class to compete for the Flint prizes next June, are to have their orations prepared May 6.

—Quite a delegation from college attended the play "Old Jed Prouty" at the Opera house last Wednesday evening.

—Blodgett and Clark now have a line of 100 samples of tennis goods to make to order in suits from \$7 to \$14.—*Adv.*

—Recitations were omitted last Thursday afternoon in order to allow the students to attend the declamation exercises.

—During the game with the Amherst Freshmen, Wednesday, April 20, Waters was badly injured in the face by a foul ball.

—The games arranged with Mount Hermon have been cancelled and dates have been made with Arms Academy to fill the vacancy.

—Two of the tennis courts have been put in condition for the term; a good deal of enthusiasm in the game is expected this spring.

—The insect net of the Junior, and the botany can of the Freshman are beginning to be quite frequently seen in the adjacent fields.

—Battalion parade according to the new regulations, is now held on the campus every pleasant drill day. Music is furnished by the band.

—A number from the junior class, under the direction of Prof. Maynard, took a trip to the cultivated forest at South Amherst, Wednesday afternoon.

—Owing to the illness of Prof. Warner, D. F. Carpenter, '86, has been engaged to take charge of the department of mathematics for the present.

—The insatiable nature of the student now cries for a bell to be placed in the tower of the new chapel, that the clock may be supplied with a striking arrangement.

—The base-ball team is putting in steady practice this term and good results may be expected. It surely bespeaks interest to go out on the field in a heavy rain.

—The clock presented to the college by the class of ninety-two has been placed in the chapel tower. The importance of this gift to the college cannot be over estimated.

—Last Friday the Freshman base-ball team played a practice game and showed that they have some good material in their ranks. Their fielding is very quick and clean.

—An attempt to introduce a new college yell has recently been made which if not entirely successful is a step in the right direction. One of the best helps to a ball game is steady systematic yelling.

—Two windows in New Chapel have been broken this term by batted balls. It is strange that similar accidents have not occurred in former years considering the proximity of the building to the diamond.

—“Aggie” men who desire to engage in a pleasant and very profitable employment, where experience is unnecessary, can learn particulars by addressing E. H. Searle, Box 708, Amherst, Mass.

—*Adv.*

—At the last mass meeting the matter of building a band stand on the campus was discussed and afterwards about a hundred and twenty dollars was raised for the purpose, by private subscription. Work on the building will commence at once. It is requested that the subscriptions be paid as soon as possible.

—At a meeting of the executive committee of the board of agriculture the 18th inst., Mr. W. A. Kilbourn of South Lancaster was chosen a member of the examining committee of the Massachusetts Agricultural college to fill the vacancy caused by the resignation of Mr. P. M. Harwood as a member of the board. Voted, that an excursion to Amherst for Massachusetts farmers and others interested in

the Agricultural College be arranged for commencement week in June, 1892.

—The Natural History society has elected officers as follows: President, T. A. Smith; vice-president, A. E. Melendy; secretary and treasurer, Joseph Baker; directors, J. B. Knight, F. H. Henderson, I. C. Greene, A. H. Cutter, T. S. Bacon. A class in determinative mineralogy has been formed from the members of the society, and meets in the laboratory once or twice a week under the instruction of Prof. Wellington. There are twenty-one members in the society and this number will be increased at the next meeting.

—At the mass meeting held April 12, G. E. Taylor, '92, resigned the office of Pres. of athletic association, and H. C. Davis, '93, was elected in his stead. G. F. Curley, '93, tendered his resignation as treasurer of the base-ball association, and C. A. Goodrich, '93, was appointed to the office. There being vacancies in the tennis association, F. G. Bartlett, '93, and S. F. Howard, '94, were made directors. Quite a large sum of money was pledged at the meeting to the cause of base-ball, and more is expected.

—April 21, the following men from the Sophomore class declaimed before the faculty: T. S. Bacon, C. L. Brown, A. C. Curtis, J. E. Gifford, F. F. L. Greene, A. H. Kirkland, C. P. Lounsbury, Lowell Manley, G. H. Merwin, L. J. Shepard, G. E. Smith, H. G. Stockwell. Those appointed to declaim for the Fowler prizes commencement were, C. L. Brown, A. C. Curtis, A. H. Kirkland, G. H. Merwin. April 22, the following men from the Freshman class declaimed: E. H. Clark, R. A. Cooley, A. Davis, C. M. Dickinson, H. S. Fairbanks, T. P. Foley, E. H. Henderson, D. C. Potter, F. L. Warren. The four selected by the faculty to speak commencement were: R. A. Cooley, T. P. Foley, D. C. Potter, F. L. Warren.

—The money received from the general government will be expended immediately. Twenty-five hundred dollars has been appropriated in the purchase of an apparatus for the department of physics, and the same sum for the equipment of the chemical laboratory and lecture room. Two thousand dollars will be expended in the purchase of anatomical specimens, including the following: egg of aepiorinis, ear of bird, ear of fish, half of head, tongue,

hand, Arab horse, jaws of horse, diagram showing in relief the form and organization of horses' teeth, jaws of ox, foot of horse, uterus of mare, comparative anatomy. This series has been made to show the operations of the principal functions of life throughout the entire animal series from man to zoophyte, and makes readily appreciable the differences presented in the structure and use of the various organs of digestion, respiration, circulation, etc.

—A special meeting of the trustees was held at Boston, April 18, to consider the matter of the appropriation of the money received from the United States Government by the college. At a meeting Nov. 21, 1890, it was voted that \$6,000 of the first payment be appropriated for the purchase of apparatus and books for purposes of instruction in the College to be expended under the direction of the faculty. At the recent meeting the balance (4,000) was divided among the several departments on recommendation of the faculty. It was further voted that the amount due the college from the second year's appropriation, \$10,666.66, be appropriated for the purposes authorized in the law of Congress and that it be expended under the direction of the president and committee on finance and buildings. The committee on finance and buildings was authorized to procure not more than two telephones to be located at the College.

BASE-BALL.

DELPHIAN A. A., 16; M. A. C., 13.

The opening game of the season was contested upon the home grounds, with the Delphian Athletic Association team of Springfield. It proved a defeat for Aggie, but in consideration of the fact that the opponents were a team of athletes, and it being the first game for the home team, credit is due, even though defeat took place.

The Delphians were somewhat puzzled at the delivery of Crane, but made eight hits with a total of nine. Their playing, as a whole, was very poor. E. Winter and Hickey were the stars. For the Aggies, Bagg played a very strong game, for the first appearance. The features of the game were lacking, but the coaching, and playing of one or two men were exhibitions of very poor ball.

Previous to the fourth inning, the teams appeared

to be very evenly matched, but for some reason, after that, the collegians lost their wits and with them the game. In the second inning, Aggie secured eight runs by reason of several neat hits and accompanying errors by the Delphian fielders. The visitors returned the compliment, however, in the fourth, and thus rushed the score ahead and gained a victory. The Aggies tried to even up the score in the last inning, but they were retired with one run and two men on bases. The score:—

M. A. C.									
AB	R	1B	TB	PO	A	E	AB	R	1B
Curley, lf,	6	2	1	1	2	1	1	1	1
Howard, '93, 2b,	6	1	1	1	1	1	3	1	3
Crane, p,	5	2	1	1	3	13	1	1	1
Howard, '94, cf,	6	1	4	5	1	1	0	1	0
Clark, ss,	4	1	1	1	0	1	1	1	1
Bagg, c,	3	1	0	0	8	4	5	1	5
Fletcher, 3b,	4	1	1	2	1	2	0	1	0
Sullivan, rf,	5	1	1	2	0	0	0	0	0
Read, lb,	4	3	1	1	8	2	3	1	3
Totals,	43	13	11	14	24	25	14	14	14
DELPHIAN A. A.									
AB	R	1B	TB	PO	A	E	AB	R	1B
Eberhardt, lf,	5	2	1	1	3	1	1	1	2
Winter, L., cf,	5	3	1	1	3	1	1	1	0
Hickey, 2b,	5	2	1	2	6	1	1	1	1
Meads, 3b,	3	2	0	0	2	3	1	1	1
Tatro, lb,	3	3	2	2	5	2	5	1	5
Dow, ss,	5	1	1	1	0	0	1	1	1
Moore, ss, c,	5	0	0	0	0	7	2	1	2
Winter, E., p,	5	2	2	2	8	1	3	1	3
Slate, cf,	5	1	0	0	0	0	0	1	0
Denoon, rf,	5	1	0	0	0	0	0	1	0
Totals,	39	16	8	9	27	16	15	15	15
Innings,	1	2	3	4	5	6	7	8	9
M. A. C.,	0	8	1	0	0	1	2	0	1-13
Delphian A. A.,	3	2	0	6	3	1	1	1	-16

Earned runs—M. A. C. 3, D. A. A. 3. Two-base hits—Fletcher, Howard, '94, Clark, Hickey. Stolen bases—M. A. C. 4, D. A. A. 6. Triple play—Curley, Fletcher, Howard, '94. Base on called balls—Winter 6, Crane 6. Hit by pitched ball—by Crane. Struck out—Crane 10, Winter 5. Passed balls—Bagg 4. Wild pitches—Crane, Winter 3. Time—2h 30m. Umpires—E. H. Lehnert, M. A. C., Galbrath, D. A. A.

M. A. C., 12; AMHERST, '95, 6.

The Amherst Freshman team was easily defeated by the College nine on the campus last Wednesday afternoon. The game proved very uninteresting from beginning to end, the excitement of the continual disputes by both teams giving an interest to everybody to await the finish.

The Freshmen showed up well in coaching, base running and fielding, but the heavy hitting and infield work of the home team was too much for them.

Crane pitched a good game, striking out 13 men, and was finely supported by Waters. The latter, while batting in the ninth inning, was hit by a batted ball and seriously injured. Bagg was substituted for him and put up a fine game.

The features of the game for Aggie were the general good team work, especially of Waters and

Fletcher, and the hitting of Howard, '93, Clark and Waters. For Amherst, Sears and Belden carried off the honors.

The attendance was quite large, and at frequent intervals, all indulged in criticizing the umpire's decisions, which were in some cases too close to make accurate judgment upon. The College team played a decidedly better game than in their first, and show a gradual increase of science which is sure to help win their more important games later in the season.

The score:—

	M. A. C.							
	A B	R	1 B	T B	P O	A	E	
Waters, c,	5	2	2	2	15	3	0	0
Curley, lf,	6	0	1	1	0	0	0	0
Howard, '94, cf,	6	0	1	1	1	0	0	0
Crane, p, (capt.)	3	3	0	0	1	14	1	1
Howard, '93, 2b,	4	4	4	6	1	2	1	1
Clark, ss,	5	1	2	4	2	0	1	1
Fletcher, 3b,	5	1	2	2	1	0	0	0
Bagg, c,	3	1	1	1	1	0	0	0
Sullivan, rf,	2	0	0	0	1	0	1	1
Read, lb,	4	0	1	1	4	3	1	1
Totals,	43	12	14	18	27	22	5	5

AMHERST '95.

	A B	R	1 B	T B	P O	A	E	
Belden, 2b,	4	2	2	2	8	2	1	1
Bridgman, p,	4	0	1	1	0	8	2	2
Powell, 3b,	3	0	0	0	3	3	2	2
Pratt, c,	5	2	1	1	4	3	1	1
Morrow, ss,	5	1	1	1	0	2	1	1
Sears, (capt.) lb,	4	0	1	1	10	0	2	2
Barnes, rf,	3	1	1	1	0	1	0	0
Nichols, cf,	4	0	1	1	1	0	0	0
Jenkins, lf,	2	0	0	0	0	0	2	2
Totals,	34	6	8	8	26*	18	11	11

Innings,	1	2	3	4	5	6	7	8	9
M. A. C.,	0	1	3	0	0	1	2	0	5-12
Amherst, '95,	0	1	0	0	0	1	1	2	1-6

Earned runs—M. A. C., 2. Two-base hits—Clark 2. Three-base hit—Howard, '93. Stolen bases—M. A. C. 7, Amherst 11. Double plays—Read and Clark, Belden and Sears. Base on called balls—Crane 6, Bridgman 2. Hit by pitched ball—by Crane 1, Bridgman 2. Struck out—Crane 13, Bridgman 3. Passed balls—Waters 2, Pratt 2. Wild pitches—Crane, Bridgman 3. Time—3h. Umpires—E. H. Lehnert, M. A. C., R. K. Brown, Amherst, '93

*Bridgman out for interference.

University of Penn. has students enrolled from every state and territory in the Union and from twenty-eight foreign countries.

Of the twelve commencement speakers appointed at Dartmouth, the salutatorian is the best all round athlete in college; the others are captain and manager of athletic team and manager of base-ball team. Athletics pay.—*Ex.*

According to the recently published Year Book of the World's Universities, by Dr. Kukula, there are now 147 universities on the globe. In attendance the Paris University leads all, with 9115 students, followed by Vienna with 6220 and Berlin 5527.

PRAYER-MEETING TOPICS.

May 5—Doing Little Things. II Kings 5:13. H. P. Smead.

May 8—Prayer and Praise Meeting. Rev. 19:1-16. C. L. Brown.

May 12—Bear ye one another's burdens. Gal. 6:2. E. H. Alderman.

May 15—Our Faults and those of Others. Luke 6:39-45. A. J. Morse.

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Alumni Notes.

Chas. O. Lovell, '78, has moved from Amherst, where he has lived so long, and is now a photographer in Portland, Me., 514 Congress St.

Chas. L. Marshall, '87, market gardener and florist, has changed his place of business from corner of Chelmsford and Plain Sts. to 48 Stevens St.

C. A. Magill, '91, has returned to his former position as civil engineer of the Boston & Maine R. R.

E. W. Morse, formerly '94, and Ruth M. Atwood were married April 13, in Brockton, Mass. Residence, New Boston, N. H.

Dr. J. B. Lindsey, '83, who has been studying and traveling in Germany for the last three years, has been secured to fill the position of Associate Chemist at the State Experiment Station. Dr. Lindsay has made a special study of the subject of animal nutrition, and will continue his investigations in this line in his new position.

D. F. Carpenter, '86, is at present taking the place of Prof. Warner at M. A. C., who is still unable to assume his duties in the mathematical department.

Frederick W. Mossman, '90, and Mary S. Lombard, were married Tuesday, April 5, at Westminster, Mass.

INTERCOLLEGIATE.

Wesleyan has abolished the pipe ceremony from the class day exercises.

Two-thirds the living graduates of Atlanta University are engaged in teaching.

An examination in gymnastics is now required of Johns Hopkins undergraduates before a degree is conferred.

At Washington and Lee University gymnasium work counts four points towards the degree of A. B. It is an elective.

Leland Stanford, Jr. University has chosen cardinal as the college color. Its college paper is named *The Cardinal*.

The Declaration of Independence has been translated into Hebrew and published in book form by a junior in the Columbia Law School.



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The building fund of the Wesleyan Y. M. C. A. has reached \$31,336.

The youngest college president in the country is T. A. Turner of Lincoln University. He is twenty-nine years old and is filling his position the third year.

The eating club system is so successfully managed at Harvard that the cost of board is lower than for thirty years. Forty cents per day is a fair average estimate.

Emperor William has sent through Max Muller of Oxford University, a telegram to the crew, congratulating them on their defeat of the Cambridge crew last month.

A Republican Club which has been formed at Princeton, intends to send around delegates to address the other colleges during the coming presidential campaign.

The faculty and some of the students at Wesleyan University, Pittsburg, were considerably horrified to find, on entering the chapel one morning, a skeleton dressed as an angel dangling from the ceiling.

NOTICES.

Mails leave the college for the post-office at 1 P. M. and 7-40 P. M. on week days. On Sundays it leaves at 4-45 P. M.

At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M.

Springfield, New York, Washington, Southern and Western states, 7-45, 10-45, A. M. 4-00, 6-45, 8-30 P. M.

Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10-45, A. M. 4-00, 6-45 P. M.

Fitchburg, North Adams and the North, 8-30, 10-45 A. M. 4-00, 6-45 P. M.

Northampton and Holyoke, 10-45 A. M. 6-45, 8-30 P. M.

Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

The President will be at his office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 3 to 5 P. M. on Wednesdays and Saturdays throughout the term.

The museum of natural history will be open to visitors from 2 to 4 every afternoon except Saturdays and Sundays.

The college library will be open from 2 to 4 P. M. and from 6-30 to 8 P. M. week days. On Saturday also from 8 to 12 A. M. and from 1 to 4 P. M., and on Sunday from 12 to 3 P. M. only.

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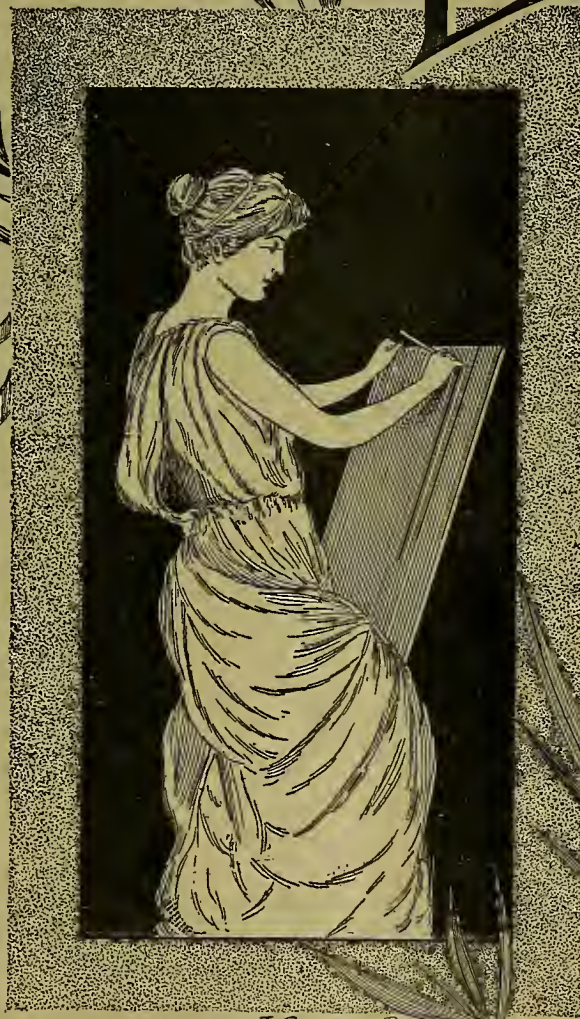
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AGGIE LIFE.

VOL. II.

AMHERST, MASS.. MAY 11, 1892.

No. 16

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Please address all communications to the Business Manager.

CARPENTER & MOREHOUSE, PRINTERS.

Editorials.

THE new system of inspection demerits will without doubt cause the rooms to be kept in much neater condition. When both occupants are responsible for the appearance of a room, it often happens that neither troubles himself especially but leaves his room-mate to see that everything is all right. We are confident, however, that under the present arrangement, the one who is orderly for the week will see to it that no demerits are placed on his account. The new order will undoubtedly be distasteful to some, but its results must certainly be beneficial.

FRIENDLY contests on the athletic field furnish a pleasant opportunity for the students of different institutions to become acquainted and to catch glimpses of the life at other places. We regret therefore that the dates of many anticipated ball games have been cancelled, for we feel that it would be a benefit to all if more games could be played with surrounding college and academy teams. Our

players are working hard and have been reasonably successful so far, but they are far from being beyond defeat; and we trust that other teams will not be prevented from contesting with us by any misgivings as to possible results.

DURING the past few weeks, those students desiring them have received through the efforts of President Goodell, copies of many of the reports issued by the general government. Many of these publications contain matter of especial interest to the student, and more than repay the trouble expended in securing them. However, when this application was made, it was found that the editions of many of these publications were entirely exhausted. It is to be noticed that no sooner is a desirable report issued, than there is a great rush for copies, and the edition is immediately distributed among those who were first to apply. In the principal daily newspapers will be found announcements of all important reports when they are about to be issued. If those who desire such publications will keep watch of these announcements, and make immediate application to the person at the head of the department publishing the report, or to some member of Congress, probably no trouble would be experienced in securing the desired volume.

As announced by our President in Chapel last Friday, the committees on education, agriculture and military from the Legislature will be here tomorrow, and we desire to impress on each student the importance of giving them a good opinion of our college and ourselves. To many of them, this is their first visit to the college, and first impressions go a long way, hence it is important that we should be seen at our best. At first thought it may not seem to be of such importance, but when we consider the fact that these are the men who are to report our progress and standing at Boston, to those

who have it in their power to say whether or not we shall exist as a college, and whether we shall be liberally supported, or only barely live on small appropriations, then the necessity of letting them see us in a good light is evident. Not that we call for a display of "company manners," or an over doing of matters at all, but let them see us in the best part of our every day life, and let every man feel that in whatever the college is called upon to do, the showing which we are to make depends as much on him, and even more, than it does upon the officers of the institution.

THERE is nothing so inspiring to an individual or institution as the realization that progress is being made. If growth be lacking, retrogression will quickly follow and soon all the spirit and vitality which is characteristic of progress is gone. One of the most promising indications for the future of the M. A. C. is the appearance of progressiveness which is evident in every department of the college. The improvements which have been made about the college grounds if continued, promise to make this one of the most beautiful college locations in the country. The last few years have seen the standard of the required proficiency in study raised, which is a change in the right direction. The facilities for teaching the different sciences are being enlarged. With the increased income, which the late appropriation brings, it is hoped that the strides in progress may be more marked. Those in authority should see that every department of the college, as far as is practicable, is managed according to the latest methods and with the best results. The students also have a part in this work of progress. Each succeeding season should see better base-ball and foot-ball teams. The different college organizations should do more efficient work from year to year. As long as the college is advancing this will be the case. Let this spirit of progress continue and the possibilities which await this institution are illimitable.

THAT the base-ball team is doing its duty by upholding our honor in the field no one will deny and it now remains for us to render them such support as we ought. Some of the students act as if, as soon as their subscription was paid, their duty was

done and perhaps do not even witness the games. In the first place we should give them our heartiest support by cheering for them. In this, we as a college are very deficient, and should strive to improve. Not all the students can accompany the teams on its trips out of town but it seems as if we all should, when there is a game on the campus, support the team by our presence and by our cheering. Enough has been said about this to call the attention of the students but as yet some remain in their rooms during a game. To be sure it is much more comfortable to remain at one's window and watch a game than to stand on the campus but there is our place and there we should be. At other college games we find steady and systematic cheering which materially helps to win the game, and that is what we need. Another thing we should seek to correct and that is offering discouragement to the members of the team before a game. There are some, we are sorry to say, who instead of encouraging the players, strive to impress them that the game is already lost and that they will surely be defeated. Now for the remainder of the season let everyone do everything in his power to help the team that is doing its best on the diamond.

THE subject of having plenty of hot water in the bath room, has caused considerable discussion among the students, but as yet our wishes have been ignored by the persons in whom the power to remedy it lies. During the fall and spring terms hot water is at a premium, except for a little while on Saturday, at which time if one be lucky enough to know when it is, he may enjoy the luxury of a warm bath. However, for the greater part of both Saturday and Sunday, the water is exceedingly cold, making a bath not only very unpleasant but decidedly fatal in regard to taking cold. If anyone doubts this statement, let him stand in the basement of South College when students are in the bath room, and listen to their cries and other exclamations of torture of those who labor under the illusion that the more noise they make, the warmer they will become. But such should not be the state of affairs. There is no reason or possible excuse for the authorities not furnishing plenty of hot water, all day Saturday and Sunday; and moreover it is their duty to look after the comfort

and health of the students in every possible manner. This certainly is then a matter which should be arranged to the satisfaction of the students. Like many other editorials, this may not receive attention, but it is hoped that the faculty will take a hint and see that matters pertaining to the bath rooms are properly attended to. Also we hope that the students will take hold of this matter, not by simply talking and finding fault, but by taking the proper steps see that their rights are observed.

Contributed.

SOCIAL LIFE AT M. A. C.

At the present time, the entrance of a young man to college is looked upon in much the same light as the entering of a young lady in society. In other words he is supposed, in addition to the work of preparing himself for future usefulness in life, to be receiving the culture which in connection with his learning will lead him to success. Can we here at Aggie, truthfully be said to be receiving such training? In most other colleges some of the events of the year are the president's receptions, the receptions of different members of the faculty, the Junior promenades, and many such social events, in which we are lacking. To be sure there is an occasional reception to a man given by a man to his classmates, or an informal reception may be given by some member of the faculty to a class or a portion of the college, but these, enjoyable as they are, usually take the form of "stag parties." We seldom enjoy the society of the gentler sex, and the vacation is, by many, looked forward to as a time when such society may be enjoyed, and the poor student must receive enough inspiration in the short respite to bear him through the greater part of the coming term of loneliness. We are, in general, if not in the exact idea, in the position of the poor soldier in "Bingen on the Rhine" when it is declared of him:

"There was lack of woman's nursing,
There was dearth of woman's tears,"

and our fate is almost as pitiable as that of the poor grenadier.

The question naturally arises, now can this state of affairs be remedied? In answer to the question it might be said that a closer union, from a social standpoint, of faculty and students would do much

to bring about this much needed reform. If the faculty, individually or collectively, would hold a series of receptions, there is little doubt but that such a movement would be heartily appreciated by the student body. A musicale, of which there has been a little talk of late, would be an event in which one element of the college would be brought into a strong light, would do much toward throwing it into prominence and opening the way for other forms of social enjoyment. We have our "senior Prom.," to be sure, but it comes during commencement week. Why cannot we have a Senior or Junior "Prom." in the middle of the year? We ought to stand higher in the social world than we do. Can we not elevate our position in social matters to the level where the leading college of its kind in the land should stand?

EARNESTNESS AND HONESTNESS.

The earnest man is earnest in everything he does. He is an important factor in the college. Whether in his studies or his sports, in his duties or recreations, he displays the same earnestness throughout. He is a true citizen and valuable to the town, the state, the country. He takes a position on a given question and then holds that position, right or wrong, through thick and thin. He may have arguments to support his position; if so, so much the better. If not, it matters little, he believes he is right and therefore puts all his energies in the establishment and perpetuity of his particular idea. He is a man whom we all respect, whom we all love. In regarding him we forget his faults and his one-sidedness and think only of the earnestness of the belief which influences his actions.

And when we compare him with the honest man, we are at first sight disappointed in the latter. "He is a weathervane," we say, "which the varying winds of circumstances may blow about as they please." But on closer observation we find that he has reason for turning. If he is a weathervane, they are the winds of conscience which turn him. He turns more easily on account of his honest purpose to face in the right direction. But when his conscience has finally faced him right, not even a hurricane can move him.

In thus closely observing the honest man we are struck with the honesty of purpose and integrity of

character which the earnest man too often lacks. The honest man takes a position on a given question and holds it only while it agrees with the dictates of his conscience. When it fails to do this, he immediately seeks to change it, though he may have to cast aside the common ideas and established customs of centuries. A noted example of this was the remarkable change of position made by Mr. Gladstone on the Home Rule Question. Until a few years ago he had maintained that Home Rule for Ireland was not for the best interests of either that country or England, and he used all his influence in that direction. His natural honesty however forced him to change his views and he came forward in a famous speech in favor of Home Rule and has since steadfastly advocated that idea. It has been truly said that "a man will never change his mind, who has no mind to change." The honest man is no less a valuable citizen than the earnest man. Without the slow but sure pendulum on the clock, the wheels would enter upon a never-ending race for an unattainable goal and the clock would amount to naught. Without the slow but honest members of the class, of the college and of the town, the so-called leaders would continually wage a bloodless fight and nothing would ever be accomplished. Let us not be accused of attempting to detract from the honor and credit due the earnest man. Rather let us honor him the more if his earnestness springs from the sure foothold of honesty. T. P. F.

NOTICE.

It was owing to the failure of two teams to fulfil the agreements that Saturday's game was arranged. I wish to apologize to the students for the uninteresting game and I trust the remaining contests will give no such cause for complaint.

Remember the game of next Wednesday and give our team such encouragement as only an enthusiastic crowd can. This is the first season for several years that Trinity has met us at base ball in Amherst and we do not want them to go away disappointed. This will probably be the best game of the season and I want every man to come bringing his friends and best girl.

GEO. E. TAYLOR,
Manager.

SPECIAL ORDERS, NUMBER 105.

HEADQUARTERS OF THE ARMY,
ADJUTANT GENERAL'S OFFICE.
WASHINGTON, MAY 4, 1892.

Extract.

The following order has been received from the War Department:

WAR DEPARTMENT, WASHINGTON CITY, MAY 4, 1892.

By direction of the President, and in accordance with section 1225, Revised Statutes, as amended by the acts of Congress approved September 26, 1888, and January 13, 1891, 1st Lieutenant Walter M. Dickinson, 17th Infantry, is detailed as professor of military science and tactics at the Massachusetts Agricultural College, Amherst, Massachusetts, to take effect August 16, 1892, and will report in person on that date for duty accordingly, relieving 1st Lieutenant Lester W. Cornish, 5th Cavalry, who will remain at Amherst until September 15, 1892, and then proceed to join his troop.

L. A. GRANT.

Acting Secretary of War.

The travel enjoined is necessary for the public service.

By command of Major General Schofield:

J. C. KELTON, Adjutant General.

Official: WM. J. VOLKNAR,
Assistant Adjutant General.

COMMUNICATION.

EDITORS AGGIE LIFE:—Now that the '92 clock is an assured fact, and I trust is doing its appointed work in a manner highly satisfactory to its purchasers, will you kindly print for the information of undergraduates and others a brief statement of what '87 tried to do in the same line years ago. At the suggestion of several members of the class Mr. J. C. Osterhout (Sept. 1884) wrote to the E. Howard Watch and Clock Co. and to the building committee of the Trustees relative to the cost of such a clock and the privilege of putting it into the tower if secured. In October, 1884, a letter was received from President Greenough in which he agreed not to entertain any proposition to furnish a clock for the tower without first notifying our class.

A class-meeting was held Oct. 14, 1884 "for the purpose of discussing the question of '87 presenting a tower clock for the New Chapel." Nov. 18, 1884 the class voted to present such a clock and a tax of \$22.50 each was voted. The total amount collected

and invested was \$225.96. The class asked that the College help in the matter. Owing to lack of funds the Trustees were not in position to hold out any inducement and the project fell through, and the money collected was paid back at the beginning of our Senior year.

F. H. FOWLER,
Treasurer '87 Clock Committee.

SCORE BOOK JOTTINGS.

April 23, Brown 4; Harvard 3.
 " 27, Williams 14; Trinity 7.
 " 30, Harvard 17; Holy Cross 7.
 " " Yale 9; Williams 8.
 " " Dartmouth 9; Phillips Exeter 2.
 May 3, Amherst 7; Andover 6.
 " 4, " 11; Phillips Exeter 1.
 " " Holy Cross 11; Yale 6.
 " " Harvard 3; Cornell 0.
 " 7, Yale 2; Brown 0.

COLLEGE COLORS.

Yale, blue.
 Dartmouth, dark green.
 Rutgers, scarlet.
 Harvard, crimson.
 Brown, brown and white.
 Williams, royal purple.
 Bowdoin, white.
 Wesleyan, cardinal and black.
 Hamilton, rose pink.
 University of Virginia, cardinal and gray.
 Swarthmore, garnet.
 Madison, orange and maroon.
 University of Vermont, old gold and green.
 Vassar, pink and gray.
 Bates, garnet.
 Union, garnet.
 Colby, silver gray.
 Columbia, blue and white.
 Trinity, white and green.
 Princeton, orange and black.
 Amherst, white and purple.
 Cornell, cornelian and white.
 Boston University, scarlet and white.
 Syracuse, blue and pink.
 Rochester, blue and gray.
 Tufts, blue and brown.
 University of Pennsylvania, blue and red.
 Rensselaer Polytechnic, cherry.

College Notes.

—Pay your subscriptions!
 —Pink eye has been prevalent.
 —Jones ex-'94, is to enter '95.
 —May 4, base-ball, '95-6, '94-4.
 —Did you receive a may-basket?
 —West, '92, is residing at home.
 —C. F. Johnson, '94, has left college.
 —Mid-term examinations are now in order.
 —Lieut. Cornish spent Thursday at Boston.
 —Paint is again to be seen on the sidewalks.
 —What has become of the proposed musicale?
 —John S. West, '90, visited the college May 4.
 —L. J. Shepard, '94, spent May 1st at Oakdale.
 —Prof. Brooks has recovered from his eye trouble.
 —Senior and junior theses were handed in last week.
 —H. M. Fowler, '94, has been at home a few days.
 —Repairs are in progress on Prof. Maynard's house.
 —At Wilbraham: "Isn't that little short-stop cute?"
 —The orchestra played at Co. K's social dance May 2.
 —Prof. Wellington was unable to hold recitations on May 2.
 —The drawing of rooms for next year occurred yesterday.
 —T. S. Bacon, '94, officiated at the organ Sunday, May 1.
 —J. A. Rawson has been hired to regulate the college clock.
 —The Howard brothers remained at Wilbraham Sunday, May 1.
 —H. E. Crane, '92, went home last Saturday, returning to-day.
 —The sophomore class is now having outdoor work in surveying.
 —J. H. Demond of the board of trustees visited the college May 5.
 —Mr. Hitchcock, Amherst, '92, is taking Entomology under Prof. Fernald this term.
 —Ninety-five indulged in a celebration the night of the freshman-sophomore ball game. A bonfire and a liberal amount of noise were on the program.

—Pres't Goodell was absent in Washington a few days last week.

—Sanderson, '94, was injured in the class game between '94 and '95.

—The legislature will make their annual visit to the college to-morrow.

—Bemis, '95, has moved from Mrs. Baker's to Room 10, North college.

—H. J. Harlow and G. O. Sanford sang at the Universalist church May 8.

—The band has been hired to play for the local G. A. R. post Decoration day.

—P. E. Davis, '94, has returned to college. He has been sorely missed in base-ball circles.

—The game between Arms Academy of Shelburne Falls and M. A. C. was necessarily cancelled.

—The glee club gave a concert last Friday night at Ashfield, where they received a hearty reception.

—About thirty students accompanied the team to Wilbraham April 30. A good time was enjoyed by all.

—The homestead of the late Wm. Bangs was recently purchased by Prof. Brooks who was acting for the college.

—The Natural History society took a tramp to the "Notch" and other points on the Holyoke range last Saturday.

—Owing to the absence of Prof. Goessmann, recitations in senior chemistry were omitted the latter part of last week.

—The Lester prize speaking of Amherst college occurs to-night. This is an opportunity which we should not neglect to grasp.

—Workmen have been busy the past two weeks laying out new flower beds and putting the grounds in condition for Commencement.

—E. E. Thompson, '71, and E. A. Ellsworth, '71, were at Amherst last Saturday making arrangements for a class reunion in June.

—Tuesday, April 19, during dress parade Lieut. Cornish's horse became frightened and ran away but fortunately no damage was done.

—Through the efforts of Pres. Goodell, copies of several government reports have been furnished to those students who have wished them.

"Aggie" men who desire to engage in a pleasant and very profitable employment, where experience is unnecessary, can learn particulars by addressing E. H. Searle, Box 708, Amherst, Mass. *Adv.*

—Arbor day was celebrated by the class of ninety-four by the planting of a class tree and the setting out of a small grove near South College.

—Members of the class of Ninety-three took advantage of Arbor day by setting out a class tree between North College and the laboratory building.

—F. T. Harlow has been appointed corporal in Co. A. in place of Corporal F. A. Smith who has been promoted to the office of second sergeant in Co. D.

—The juniors will have compulsory attendance in the chemical laboratory until future notice. The new scheme appears to have been unsatisfactory and '93 is sad.

—The demerit system has been introduced into the inspection of quarters; in the future one man will be responsible for the appearance of the common room each week.

—The arbor-vitae hedge that has for so many years been an ornament to the northern part of the grounds has been removed to facilitate the work of the Hatch Experiment Station.

—Why have not the foot-ball uniforms been turned in to the association? This is a matter which the management should not overlook as in all probability the game will be played again in the fall.

—There are two games yet to be played with Wesleyan academy. They have the strongest team that has represented their institution for several years, and good hard playing will be required to beat them.

—We are glad to note that several of our alumni have forwarded contributions since our last issue. The students always find interesting reading in communications from their predecessors, and because of this the *LIFE* takes especial pleasure in their publication.

—The following seniors will represent the class on the commencement stage: E. T. Clark, The Problem of To-day; H. B. Emerson, Agricultural Education; H. J. Field, A Word for the Russian Jew; F. H. Plumb, Adaptation of Grasses; F. G. Stockbridge, Farming East and West; R. H. Smith, A Duty of the Hour; G. E. Taylor, Education of the Future; H. M. Thomson, The Science of Agriculture. G. E. Taylor will represent the class at Boston University.

—Owing to a mistake, the name of Mr. S. Kuroda was omitted from the list of freshman contestants for the Fowler prize appointments, in our last issue.

—An invitation has been received from E. M. Stanton Post 147, G. A. R. for the battalion to join them in the exercises to be held in town Decoration day. The invitation has been accepted and about fifty privates have made known their intention to attend.

—At a recent business meeting of the Y. M. C. A., the following officers for the coming year were elected: President, F. S. Hoyt; vice-president, A. E. Melendy; corresponding secretary, H. G. Stockwell; recording secretary, F. S. Tobey; treasurer, E. A. White.

—By ringing the bell as a part of their celebration May 4, '95 violated a rule of the college though perhaps thoughtlessly. Used as it is for a fire alarm, its tones at night arouse the towns people and for this reason nothing but a fire should prompt such an action.

—The authorities have selected a very appropriate location for the new band stand. It is to be placed in the triangular plot just north of new chapel, very near the flag staff, thus giving dress parade the full benefit of the music on drill days. Its construction has already been commenced.

—The proceedings of the fifth annual convention of the association of American Agricultural colleges and Experiment stations held at Washington, D. C., in August 1891, have just been issued in pamphlet form by authority of the Secretary of Agriculture. The report contains the address of Pres. Goodell who was then president of the association.

—Several changes have occurred in the make up of the base-ball nine since our last issue. Read, '95, has been laid off at first base because of his inability to bat, and his weakness on ground balls. His place is being filled for the present by Howard '93. Clark, '95, has been moved around to second base and is making a creditable showing considering his short experience. Stevens, '95, may be styled the phenomenal "short-stop," such clean fielding has not been seen on the Aggie campus for years. He is a good batter and a hard worker. Bagg has improved wonderfully behind the bat and is catching Crane with comparative ease.

BASE-BALL.

M. A. C., 14; AMHERST, '95, 4.

Wednesday, Apr. 27, the second game with Amherst Freshmen was played on the home grounds. The Aggies showed a marked improvement on the previous game but there are still one or two weak places that can be strengthened. The Freshmen played in the same loose manner that characterized their first game.

In the first inning, with the aid of a base on balls, two errors, and two singles, the Freshmen had three runs to their credit; one run was obtained in the third and after that they failed to score. The home team batted Nichols freely and found no trouble in stealing bases.

M. A. C.									
A	B	R	B	SH	PO	A	E		
Curley, lf,	5	3	2	0	3	1	0		
Howard, '94, cf,	6	2	4	0	1	0	1		
Crane, p, (capt.)	5	1	0	0	1	11	0		
Howard, '93, 2b,	5	3	1	0	4	3	3		
Clark, ss,	5	1	0	0	0	0	0		
Fletcher, 3b,	3	2	2	1	0	0	0		
Bagg, c,	5	2	3	0	9	2	0		
Sullivan, rf,	5	0	0	1	1	0	0		
Read, lb,	4	0	0	0	8	0	2		
Totals,	43	14	12	2	27	17	6		
AMHERST, '95.									
A	B	R	B	SH	PO	A	E		
Morrow, ss,	4	1	1	0	1	4	1		
Pratt, c,	5	1	2	0	2	1	0		
Belden, 2b,	5	1	0	0	2	5	2		
Powell, rf,	3	1	1	0	2	0	0		
Sears, (capt.) lb,	4	0	1	1	12	0	1		
Bishop, 3b,	4	0	1	0	1	0	3		
Barnes, cf,	4	0	0	0	1	0	1		
Jenkins, lf,	4	0	1	0	1	0	3		
Nichols, p,	3	0	0	0	2	3	0		
Winslow, p,	0	0	0	0	0	1	0		
Deering, 3b,	0	0	0	0	0	0	0		
Totals,	36	4	7	1	24	14	11		
Innings,	1	2	3	4	5	6	7	8	9
M. A. C.,	0	2	1	4	1	3	3	0	—14
Amherst, '95,	3	0	1	0	0	0	0	0	—4

Earned runs—M. A. C., 3. Two-base hits—Bagg. Stolen bases—Curley, E. C. Howard (3), Clark (2), Fletcher, Bagg (3), Pratt, Belden, Powell, Sears, Morrow. Double plays—Curley and E. C. Howard, Belden and Sears. Base on called balls—off Crane, 3; off Nichols, 4. Struck out—by Crane, 9; by Winslow, 1. Passed balls—Pratt, 1; Bagg, 3. Time of game—1 h. 45m. Umpires—G. B. Willard, R. K. Brown.

M. A. C., 7; WESLEYAN, 5.

The first game of the Wesleyan-Aggie series was played at Wilbraham, April 30. The change which had been made in the Aggie greatly strengthened their team work, but to be sure of victory there must be an improvement in batting. Crane pitched a fine game and fielded in excellent manner. After the injury which he received in the third inning it was a mystery to all to know how he was able to put the ball over the plate, but only one man went to first on balls. Sedgwick had poor control of the

ball, and although but four hits were made off him, his wildness sent eight men to first base.

The game opened with Wesleyan at the bat. Radosslavoff sent a hot grounder to Clark which he failed to hold, and was advanced to third by Lombard's two-bagger. Jester got in the way of the ball and the umpire sent him to first. It looked as if the Wesleyans would have things their own way, for two were on bases and none out. Montague popped up a fly for Stevens, "Roddy" tried to score but was shut off at the plate. Sedgwick got a scratch hit which sent Lombard home, but was himself retired at second, and the Aggies were at the bat.

Curley got to first on balls, stole second and third, and scored on a passed ball. Howard, S. F. struck out. Crane got a scratch hit, was sent to second on E. C. Howard's base on balls, and both scored on a wild pitch followed by a passed ball. Clark fanned out and Bagg followed his example, but Lombard failed to hold the ball and Bagg was safe on first. Fletcher failed to find the ball and the first inning was ended with the score 3 to 1 in Aggie's favor. Wesleyan went out in one-two-three order in the second inning.

Aggie opened with Sullivan's strike-out. Stevens got a base on balls, and a passed ball and a wild pitch found him safe on third. Curley sacrificed out and Stevens scored. S. F. Howard got first on Dean's error, but was left on second as Crane sent a grounder to Montague who assisted to Jester. "Roddy" scored in the third, and until the eighth inning Wesleyan failed to get beyond third base. Aggie also obtained one run in the third on errors by Radosslavoff and Jester, and Clark's sacrifice.

Lombard got in another two-bagger in the eighth and scored on a passed ball; "Roddy," Jester, and Montague, all sent grounders to Crane who assisted to Howard, E. C., and the Aggies came to bat for the last time. Clark got in a clean single and went to second on Bagg's sacrifice. Fletcher got first on four balls and stole second; both men scored on Sullivan's hit, who was put out in trying to steal third. Stevens struck out; Wesleyan now came in to do or die. Sedgwick sent an easy grounder to first, Dean struck at the ball three times but was safe on first as Howard failed to hold Bagg's throw. Squier made a hit, stole second; and two

runs were made on Chandler's single who was retired at third. Homan struck out, and the game was Aggie's. The score:

M. A. C.									
	A B	R	B H	S H	P O	A	E		
Curley, lf,	3	1	0	1	0	0	0		
Howard, '94, cf,	4	0	0	0	1	0	1		
Crane, p,	3	1	1	0	1	12	0		
Howard, '93, lb,	3	2	0	0	12	0	1		
Clark, 2b,	4	1	1	1	3	0	1		
Bagg, c,	4	0	1	1	5	1	1		
Fletcher, 3b,	2	1	0	0	3	3	1		
Sullivan, rf,	4	0	1	1	1	0	0		
Stevens, ss,	1	1	0	0	1	2	1		
Totals,	28	7	4	4	27	18	6		

WESLEYAN.									
	A B	R	B H	S H	P O	A	E		
Radosslavoff, lf,	4	1	0	0	0	0	1		
Lombard, c,	4	2	2	0	7	4	3		
Jester, lb,	3	0	1	0	11	2	2		
Montague, ss,	4	0	0	0	0	1	0		
Sedgwick, p,	4	0	1	0	0	15	1		
Dean, 3b,	4	1	0	0	4	1	3		
Squier, 2b,	3	1	1	0	2	1	0		
Chandler, rf,	4	0	1	0	0	0	0		
Homan, cf,	4	0	0	0	0	0	0		
Totals,	34	5	6	0	24	16	10		
Innings,	1	2	3	4	5	6	7	8	9
M. A. C.,	3	1	1	0	0	0	2	—	7
Wesleyan,	1	0	1	0	0	0	1	2	—

Two-base hits—Lombard (2). Bases stolen—Curley (2), E. C. Howard (2), Fletcher (2), Stevens, Radosslavoff, Squier (3), Chandler. Double plays—Stevens, Fletcher and Bagg. Bases on called balls—off Sedgwick, 8; off Crane, 1. Base on hit by pitched ball—Jester, Squier. Struck out—by Sedgwick, 12; by Crane, 6. Passed balls—Bagg, 3; Lombard, 6. Wild pitches, Sedgwick, 2; Crane, 1. Time of game—2h. 15m. Umpires—B. G. Barton, E. H. Lehnert.

M. A. C., 23; BELDENS, 1.

Last Saturday the Beldens of Nortampton tried to play ball, but succeeded only in making a dismal failure. The home team put up a fine game all round. The score tells the story.

M. A. C.									
	A B	R	B	S H	P O	A	E		
Curley, lf, p,	5	5	3	0	1	8	0		
Stevens, ss,	5	3	0	0	1	1	1		
Bagg, c,	7	3	2	0	11	4	0		
S. F. Howard, cf,	7	3	3	0	0	0	0		
Crane, p,	4	1	1	0	0	6	1		
E. C. Howard, lb,	6	1	2	0	10	0	0		
Clark, 2b,	5	2	1	0	2	3	1		
Fletcher, 3b,	6	1	2	0	2	3	0		
Sullivan, rf,	6	3	1	0	0	0	0		
Davis, lf,	2	1	0	0	0	0	0		
Totals,	53	23	15	0	27	25	3		

BELDENS.									
	A B	R	B	S H	P O	A	E		
Gabb, p, rf,	4	0	2	0	1	4	1		
Witheral, lb,	4	0	0	0	9	1	2		
Fred Penney, c., 3b,	3	0	0	0	3	2	1		
Thatcher, lf,	4	0	0	1	3	1	3		
H. Dady, 2b,	3	0	0	0	1	5	3		
Wilhelmy, 3b, cf,	3	0	1	0	6	3	4		
F. Penney,	2	0	0	0	1	0	2		
Garvey, cf., ss,	3	0	0	0	2	0	1		
Dady, rf., p,	3	1	1	0	1	2	1		
Totals,	27	1	4	1	27	18	18		
Innings,	1	2	3	4	5	6	7	8	9
M. A. C.,	5	3	3	4	6	0	2	0	—23
Beldens,	0	0	1	0	0	0	0	0	—1

Earned runs—M. A. C., 2. Two-base hits—Curley 2, Clark, Gabb. Three-base hits—S. F. Howard, Curley. Stolen bases—Bagg, S. F. Howard, Davis 2, Crane, E. C. Howard 3, Clark, Fletcher, Sullivan

4, Gabb, Fred Penney. Double plays—Fletcher and Stevens. Bases on balls—off Curley 2, off Gabb 4, off Dady 3. Struck out—by Crane 6, by Curley 7, by Gabb 7, by Dady 3. Passed balls—Bagg, Fred Penney 2. Wild pitches—by Gabb 8, by Dady 4. Time of game—2h. Umpire—E. H. Lehnert.

NINETY-FIVE, 6; NINETY-FOUR, 4.

The freshman team defeated the sophomores in a very close and exciting game, by the score of 6-4. Read, the freshman pitcher, had the ball well under his control, and the '94 men were unable to hit him. The game was very interesting and good ball playing abilities were shown by both teams.

FRESHMEN.

	A	B	R	IR	T	B	S	B	P	O	A	E
Clark, 2b,	3	1	1	0	0	2	1	1	2	0	1	0
Stevens, ss,	3	1	1	2	1	1	1	2	0	1	2	0
Bagg, c,	4	0	1	1	0	13	2	1	0	1	0	0
Burgess, 3b,	4	1	1	1	1	1	1	0	0	0	0	1
Warren, 1b,	4	0	0	0	0	7	0	0	0	0	0	1
Marsh, cf,	4	1	1	2	0	0	0	0	0	0	0	0
Jones, lf,	3	0	1	1	2	0	0	0	0	0	0	0
Drury, rf,	4	2	2	3	2	0	0	0	0	0	0	0
Read, p,	2	0	0	0	1	0	13	1	1	1	1	1
Totals,	31	6	7	10	9	27	18	3				

SOPHOMORES.

	AB	R	IR	TB	SB	PO	A	E
Dickinson, p,	3	1	0	0	1	1	10	0
Sanderson, ss,	2	0	0	0	0	0	0	1
Howard, cf,	4	0	1	1	1	1	0	0
Morse, 2b,	4	0	1	1	1	2	1	0
Park, 3b,	4	1	2	2	2	1	2	1
Putnam, rf,	3	0	0	0	1	1	1	0
Sullivan, c,	4	1	1	1	1	5	2	0
Sanford, lf,	4	0	0	0	0	0	0	1
Davis, 1b,	4	1	2	2	2	13	1	1
Gifford, ss,	1	0	0	0	0	0	1	0
Total,	32	4	7	7	9	24	18	4

Earned runs—'94 1, '95 2. Two-base hits, Stevens, Drury, Marsh. Base on balls, Clark, Stevens, Jones, Read, Dickinson 2, Sullivan. Base on hit by pitched ball—Sanderson, Putnam. Passed balls—Bagg 3, Sullivan 3. Left on bases—5 each. Struck out—Sanford 3, Putnam 2, Dickinson, Sanderson 2, Morse, Howard 2, Park, Davis, Burgess, Warren 3. Balk, Dickinson. Umpires—Lehnert, '93 and Fletcher, '92. Time—1h. 30m.

Alumni Notes.

L. A. Nichols, '71, Lasalle, Ill.
 F. B. Salisbury, '72, care of J. F. Tidmarsh, Graham St., Kimberly, So. Africa.
 H. E. Chapin, '81, Box 155, Athens, Ohio.
 F. H. Fairfield, '81, Nyack, N. J.
 F. G. May, '82, Kendall Green, Mass.
 J. S. West, '90, Agriculturist, Hampton School, Hampton, Va.
 Henry M. Howard, '91, in partnership with Davenport, ex-'91, market gardening at Mt. Auburn, Mass.

Foot-ball in every form has been prohibited by the University of Heidelberg, Germany. They draw the line at dueling, and will permit nothing more dangerous to students.

'Twas Ever Thus.

In my study I am grubbing,
 Grubbing till the midnight hour
 With its cadence soft and mellow
 Peaeth forth from out the tower.

Grubbing for examination,
 And I've read the Latin o'er,
 All except just twenty stanzas
 That I ne'er had read before.

Off to bed I grimly stumble;
 Dream of rushing Prof. once more
 When he springs the question on me,
 That I learned the night before:

Morning comes and classroom entered;
 Questions grasped and read with speed.
 O ye gods! Why will ye mock me
 With the lines I failed to read?

Williams Weekly

A Harvard Law Student recently won the first prize offered by the American Notes and Queries Company for the longest word in the dictionary. The word contained 24 letters and was palatopharingeolaryngeal.

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INTERCOLLEGIATE.

Williams will celebrate its centennial in 1893.

Oberlin claims to be the first college to graduate a woman.

The graduating class at Cornell this year numbers about 250.

The *New York Tribune*, *Sun* and *Times* have 111 college men on their staffs.

The United States Government is erecting a \$100,000 gymnasium at West Point.

The *Amherst Student* quotes Brown as having the best collegiate ball team in New England.

Twenty-seven students were recently expelled from De Pauw University for playing billiards.

Seven professors from Clark University, at Worcester, have accepted positions in the Chicago University.

Miss Guilford, '94, Bryn Mawr, took first prize for making the highest record in vaulting, 4 feet 7 1-2 inches.

Bishop Phillips Brooks will preach the baccalaureate sermon for the senior class at the Institute of Technology, Boston.

An instructor at Lehigh University, who was burlesqued by the students at their minstrel performance has become insane.

Seven colleges or universities now publish daily papers. They are Yale, Harvard, Princeton, Brown, Michigan, Cornell and Wisconsin.

The Cardinal of the University of Wisconsin is the only college daily in the world in which a woman's name appears upon its staff.

An exchange says that a woman has entered the Freshman class at the Univ. of Michigan, whose two sons are members of the same class.

The largest salary paid to any college president is that received by Pres. Jordan, of the Leland Stanford University, the amount paid being \$15,000.

Arrangements have been completed for 5000 polytechnic students of England to attend the World's Fair, next year and study the exhibition.

The management of the Yale Foot-Ball Association has presented each of the members and substitutes of last fall's team with a blue silk trophy flag, upon which the player's name and position is worked together with the most important scores.

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The King of Siam will soon send six young men to Pennsylvania to be educated, all to become physicians. They are to be chosen from the poorer classes and the expense of their tuition, about \$5000 a year each, is to be borne by the Siamese government.

Pennsylvania University is having serious trouble concerning free trade and protection. The resignation of seven professors is asked for, including that of Rev. R. A. Thompson, professor of history and political economy, who has been teaching protection to his classes.

PRAYER-MEETING TOPICS.

- May 12—Bear ye one another's burdens. Gal. 6 :
 2-3. E. H. Alderman.
 May 15—Our Faults and those of Others. Luke 6 :
 39-45. A. J. Morse.
 May 19—Is our Building Secure? I Cor. 3 :9-17.
 H. D. Hemenway.
 May 22—Are we giving up anything for Christ.
 Acts 15, 25-26. H. G. Stockwell.

NOTICES.

Mails leave the college for the post-office at 1 P. M. and 7-40 P. M. on week days. On Sundays it leaves at 4-45 P. M.
 At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M.

Springfield, New York, Washington, Southern and Western states, 7-45, 10-45, A. M. 4.00, 6-45, 8-30 P. M.

Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10-45, A. M. 4 00, 6-45 P. M.

Fitchburg, North Adams and the North, 8-30, 10-45 A. M. 4-00, 6 45 P. M.

Northampton and Holyoke, 10-45 A. M. 6 45, 8-30 P. M.
 Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

The President will be at his office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 3 to 5 P. M. on Wednesdays and Saturdays throughout the term.

The museum of natural history will be open to visitors from 2 to 4 every afternoon except Saturdays and Sundays.

The college library will be open from 2 to 4 P. M. and from 6-30 to 8 P. M. week days. On Saturday also from 8 to 12 A. M. and from 1 to 4 P. M., and on Sunday from 12 to 3 P. M. only.

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J. STURGIS. BOSTON.

VOL. II.

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VOL. II.

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No. 17

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Editorials.

As once more the commencement season draws nigh, all who are interested in the welfare of the college should do what they can to secure a large entering class in the fall. In the commercial world it is known that the success of an institution or enterprise depends to a great degree on the extent to which it is advertised. In the same way the progress of a college is measured by the extent to which its objects and advantages are made known to the general public. The M. A. C. may be said to be extensively advertised. Its catalog being a public document is largely circulated. Advertisements are inserted in both college and outside publications. Committees from the legislature and the State Grange inspect the college annually and their reports are widely distributed. Still, if advertising is to pay, it must be of a kind that will reach directly the young men for whose benefit the college was established. While all the above modes of extending the influence of the college are good in their

way, it should be realized that a vast amount of profitable advertising may be accomplished by the students themselves. Athletic teams of various sorts often accomplish great good for a college in this way; but much can also be done by individual effort. Every student in college desires to see the class of Ninety-six larger and more promising than any that have heretofore entered. Let us do all in our power to have this desire realized.

THE matter of forwarding contributions to the LIFE is coming to be looked upon with less and less interest, and the amount of material from which choice is made is much smaller than it should be if best results are to be attained. There are comparatively few men who look upon this subject in the proper light, and who will prepare articles without being requested to do so. The editor is considered by the majority to be the person on whose shoulders falls the responsibility of furnishing material for the paper. This is not the right spirit, and the sooner it becomes understood that the duty of the board of editors is rather supervisory than otherwise, the sooner will the LIFE reach the standard to which it aspires. Let every man take it upon himself to occasionally contribute interesting matter to the paper which he is pledged to support, that more need be said on this subject.

A MOST essential feature of success in Journalism as well as in other walks of life, is promptness. Whether it is the managing editor, the city reporter or the proof-reader, each must have his share of the work done and done on time. On the great dailies an important piece of news, five minutes too late for publication, may mean a loss of hundreds of dollars. Although not of so great money importance, yet promptness is as necessary on the college paper as elsewhere. The students of any college expect

each number of their paper to appear promptly at the customary time and it is the duty of the editors to labor for this end. It is, moreover, the student's privilege to "kick" if it is not on time, but he too should feel a part of the responsibility and be ready to respond willingly when asked to contribute. Furthermore, he should not only respond willingly, but also promptly, for it is certainly annoying and it causes much unnecessary labor to have items or communications delayed until the last moment, then hurried in after the other matter has gone to press. Slow and sure is a good motto, but prompt and sure is a better one.

It cannot be said that we are lacking in opportunities for discovering "the charms that in sweet music dwell." The musical organizations of the college are all in a flourishing condition and a credit not only to the musicians but to the college itself. The Glee Club is to be congratulated upon the work it has accomplished in the first year of its existence. Our band seems to us now an indispensable organization; witness the appearance of the battalion when the machinery is enlivened by the strains of its spirited music. It is impossible for us who are accustomed to march to the music of the band, to imagine what an addition it is. The orchestra has earned a reputation among the townspeople, which makes it constantly in demand for evening entertainments. From the beginning these organizations have had difficulties to contend with. The results attained have only been realized after a large amount of time devoted to rehearsals. The work of our musical organizations should be appreciated by the students and faculty and every encouragement should be given them. The prominent part which these organizations will take in the commencement program promises to add much to the enjoyment of commencement week.

THE annual drawing of rooms was held at the office of the commandant Monday, May 16th. This was much earlier than in other years as it usually has taken place just after commencement. The classes drew in the order of their seniority. Any students who wished to retain their rooms another year had that privilege by notifying the quartermaster previous to the drawing and such rooms were

exempted from those to be drawn. This year printed slips were used and the one drawing the lowest number had the first choice of rooms in the dormitories. Owing to some misunderstanding one room which was to be occupied by two students was thrown open for the general drawing. As soon as the mistake was discovered a new order was posted declaring the choice of rooms to be void and that another would be held Monday, May 16th. At this time the students had to observe the same order of choice as in the preceding drawing but many selected different rooms from what they had before. Some may think that this method is not the best one that could be adopted, but all concede that the right of having first choice should be allowed the Junior class. The rooms not shown are left for the members of the entering class and we would advise those who expect to enter next fall to correspond with the janitor that they may secure much better rooms than they can by waiting until later as the desirable rooms will be difficult to obtain next term.

It is exceedingly unfortunate that we are enabled in spite of the promises of the management to see so few base ball games on our campus, but it is altogether wrong to do as some have done and lay the blame at the door of the manager of the team. He has done his part faithfully and arranged a good schedule of games, and it is through no fault of his that the schedule has not been carried out. We must therefore lay our lack of success to the proverbial "hard luck" that has followed our athletic teams for a few years past. We understand that Manager Taylor is making efforts to fill the dates left vacant by the failure of other teams to come to the terms of their agreements, and we certainly hope that he will be successful. But in view of the circumstances, a word to the players might not be out of order; while appreciating the faithful practice that has been carried on under the efficient supervision of your captain, we wish to press upon you the necessity of working even harder for the success of "Aggie" on the ball field, for if there are fewer games left to be played than was originally intended, each game remaining acquires a new importance, for if lost it will lower the percentage of games won to a large degree, and if won it will raise that record by the same amount. And to the

spectators we would say, you can do almost as much toward winning the games as the men on the field, by systematic and continued cheering, not in the ridicule of the poor plays of our opponents, but in approval of the good work of our boys, and give them the heart to keep it up. Let every man feel it a personal duty to not only be present at all the games, but to help in the cheering with heart as well as voice.

"ALL work and no play makes Jack a dull boy," is an old and true saying, and to the eyes of our friends and visitors is exemplified in a lack of individual interest and slackness in our drilling. There is, anyone will grant, a reason for our drilling not being at its highest standard, owing to the change from the "Old Tactics" to the "New Infantry Drill Regulations," but it offers no excuse why we should not drill our very best, even if there were nothing else at stake but the honor of our company and college. On the other hand is a most important reason why we should take hold one and all and work as hard as we can to perfect ourselves in the change. However, returning to our quotation, the idea which is to be brought out is this: How are we to make the steady grind of drill interesting to each student, and a duty at which honor and reward await our hardest efforts? This can be done in no better way than by having during the college year at least two drills, a competitive company drill and a competitive individual drill. To still create a higher enthusiasm and interest the old prize company idea might be revived and representing us they might have competitive drills with other prize companies, to show our friends that our motto is "to excel in all our undertakings." This is the play which will make the student not a mere automaton while on drill, but a soldier full of life and spirit, absorbed in the interest of having his company win the prize; it will put a snap into the manual of each private, which at present is sadly wanting.

WHY?

Behold the Junior's happy face!
It shineth like the sun.
He bears the imprint on his brow
Of duty that's well done.

Why smiles he thus on every one
Whom chance throws in his way?
He's passed in Physics; that is why
He's happy all the day.

Contributed.

WHAT SHALL I DO?

Although nearly every man in college may have asked himself the question, What shall I choose for my occupation? Yet probably not one of ten has answered to his entire satisfaction. If a student is questioned on the subject, he will say that he expects or at least hopes to graduate, but beyond that everything is dark; and as the years go by and the freshman of yesterday becomes the senior of to-day, the problem is still more perplexing.

What college man is there who when he has been home on a visit has not been asked, "What are you going to do after you have finished your studies in college?" They seem to think that every young man when he enters college has already planned his future course and is simply studying in preparation for it. But this is not so, as most of us can testify.

Suppose that during our stay in college we should undertake to choose our life-work from some branch which we are studying. Shall we become a chemist or a botanist? a mathematician or a farmer? For instance, suppose Chemistry especially suited our tastes, and we should devote a considerable amount of time to that study. Just as soon as we began to favor Chemistry, would we not get conditioned in mathematics? Or, if we leaned toward Mathematics, would not a condition in Latin or French be the result? If this is true, then our college is only a preparatory institution giving a general education, our special course to be taken up afterwards.

It has been said that each one of us is adapted for some particular calling. If that be so, then the question arises, "How are we going to find it?" Shall we take up with the first position we come across, and wait for our true calling to present itself? Many a man has become a rolling stone, wandering up and down the face of the earth for nearly half a lifetime, trying in vain to find the business for which he was naturally fitted. Some, indeed, have been finally successful after repeated failures. Is there no other way for us to do than to take our chances, and if we fail, to begin over again?

We can find many good friends who are quite ready and willing to aid us in this matter and even

plan out our whole course for us, but is this the true solution of the problem? If a phrenologist tells us we are fitted for a certain profession, is it for our best interest to lay aside all thought of everything else and engage in that profession? Our parents, above all others, desire to see us succeed, but can they lay down the course for us to follow? Or shall our father's occupation influence us to any extent?

This is a matter that ought to set our minds to thinking, for let us remember that our college days are numbered and will soon be things of the past; then we shall have these questions to answer. Perhaps some person of experience can give us light on the subject, but as far as the writer can see, it is a problem that each man must solve for himself.

G. H. M.

COMMENCEMENT PROGRAM.

SUNDAY, June 19.—Baccalaureate sermon by Rev.

Chas. S. Walker, Ph. D., professor of Mental and Political Science, at 10.45 A. M. Address before the College Young Men's Christian Association by Rev. Edward Anderson of Danielsonville, Conn., at 8 P. M.

MONDAY, June 20.—President's address to the Senior class at 8.30 A. M. Flint prize speaking at 3.30 P. M. Fowler prize speaking at 8 P. M.

TUESDAY, June 21. Grinnell prize examination at 8.30 A. M. Meeting of Committee on Experiment Department at office of Hatch Station at 11 A. M. Alumni breakfast and reception at Prof. Levi Stockbridge's house from 12 M. to 2 P. M. Class Day exercises at 2.30 P. M. Presentation of clock. Dress parade, battalion drill, sabre drill at 4.30 P. M., followed by reading of military essay and presenting of military diplomas. Reception of President and Trustees in the Stone Chapel, 8 to 10 P. M.

WEDNESDAY, June 22.—Graduating exercises at 10 A. M. Trustees' meeting at 5 P. M.

THURSDAY, June 23.—Examination for admission at 9 A. M.

The approach of Commencement always brings

with it apprehensions as to its favorable comparison with those of former years. With the present outlook, however, the exercises of the long looked for week of the coming June give promise to be of greater interest than is usual. The grounds have received especial attention and, with nature's assistance, will present a very attractive appearance. Not for several years past has there been such interest taken by the prize speakers in their preparations, and a fine exhibition may be expected. To the Fowler Sophomore and Freshman prizes in declamation, which have long been one of the principal features of commencement week, will be added the Flint Junior prize orations. The musical organizations will also contribute to the many attractions in a manner which is without precedent in the college's history. The battalion is getting into good shape and, although artillery drill may be omitted, will undoubtedly uphold the reputation which it has always had in this vicinity.

Let every man do all in his power to further these prospects, bearing in mind that an attractive commencement is one of the best advertisements our institution can have.

PHI BETA KAPPA LECTURES.

The first of the series of lectures to be delivered under the auspices of the Phi Beta Kappa Society of Amherst College was given in Walker Hall on Friday evening, May 13, by Daniel F. Kellogg of the class of 1886, the City Editor of the New York *Sun*. Seating himself in the professor's chair with a dignity and grace becoming the honor conferred upon him, the speaker held the audience, consisting largely of college students, interested from the beginning to the end of his address. He portrayed in glowing colors the fascinations of the life of a journalist, but failed not to set forth at the same time the hardships, conflicts and dangers of the man who by means of his pen attempts to satisfy the demands of the newspaper world. The first essential of the good reporter is to get the news; the second is to tell the news before any rival gets it; the third is to so tell the news as to interest and delight the public. Anyone who can do these three things is in great demand and is sure of good pay from the first. But these essentials can only be supplied by the man of robust health, of great reserve force, of ready wit,

of rare judgment, of irrepressible good nature, of rare command of English, and of a tact, pluck and enterprise equal to all emergencies. The reporter sees the worst side of human nature and is in danger of becoming a cynic. He cannot win fame as a literary man for he must write simply for the present hour. Specialists write the editorials and the leading articles. But in spite of all these trials and dangers the profession of the journalist is well worthy of comparison with that of the pulpit and the bar and cannot but have great attractions for the young man of energy and ambition.

The second lecture of the course was delivered by Hon. Winfield S. Slocum, Amherst '69, on Wednesday evening, May 18th, in Walker Hall, the subject being "Law as a Profession." The speaker brought out clearly the object of law, the requisites for a successful lawyer, and the inducements which the profession offers. The substance of the discourse was as follows:

Every human law is supposed to be founded on divine law. The one object is justice. If all men would practice justice they might live together in peace without any legal code, but unfortunately there are many rebellious and greedy natures who seek to interfere with the rights of others. Therefore law is necessary in order to protect the rights of every man and make him such a being as God designed he should be. The profession known as Law is broad in its scope. There are international laws, state laws and town laws. A complete library for a lawyer includes thousands of volumes. To these, hundreds must be added each year, so that it is almost impossible for an ordinary man to keep up with the times in all branches of the law. With all these laws, it might seem that there is nothing to do but to enforce them, but it is just here where we encounter the difficulty. When we attempt to apply the law, innumerable questions arise as to what this law or that law means, and lawyers—men who have made a life study of the subject, and are well posted in every particular—are necessary to interpret them. In order to become a lawyer, a young man enters a law-office or a law-school, where he reads and studies for several years. At the end of this time he is examined, and if the result is satisfactory, he is admitted to the bar. He may then be a lawyer in name, but his work has only just begun. In order

to succeed, he must endeavor to become a clear, deep thinker. He must be so courageous that he can remain firm, so long as he thinks himself in the right, even though a multitude oppose him. What are the inducements for a young man to become a lawyer? Is there money in law? No. If a young man desires to become wealthy, let him choose some other profession. No one has ever become rich on law alone. Is the profession full? Yes, it is crowded like all other professions, but for the persevering young man who thinks he has a natural taste for law, and is willing to give himself up to severest toil, there is yet sufficient room. These are the only inducements the profession offers, and on these conditions only can success be attained.

BASE-BALL.

M. A. C., 7; DELPHIANS, 8.

The game at Springfield on May 14th was close and interesting throughout, but luck seemed to be against the Aggies and their errors cost them dearly. At the beginning of the 9th inning the M. A. C. was in the lead, but the Delphians succeeded in batting out two runs which tied the score. In the 11th Aggie took the lead again, but with two players on bases a wild throw to Howard sent two men across the plate. The score:—

M. A. C.										
	A	B	R	B	S	H	P	O	A	E
Stevens, ss,	5	1	1	1	0	1	2	2		
Curley, lf.,	6	0	1	0	2	0	0	0		
Bagg, c,	6	1	2	1	8	6	1			
S. F. Howard, cf,	6	0	1	0	3	0	1			
Crane, p,	4	0	0	0	1	14	1			
E. C. Howard, lb,	5	1	0	0	11	0	3			
Fletcher, 3b,	4	2	2	0	2	2	3			
Clark, 2b,	5	1	0	0	3	3	1			
Sullivan, rf,	5	1	1	0	0	1	0			
Totals,	46	7	8	1	*31	28	12			
DELPHIANS..										
	A	B	R	B	S	H	P	O	A	E
Eberhardt, 2b,	5	1	1	1	0	6	1	1		
L. Winter, cf,	5	0	0	0	0	1	1	1		
Foster, lb,	5	0	0	0	0	10	0	3		
Meade, p,	3	2	2	0	1	10	0			
Slate, rf,	5	1	2	0	0	3	0			
Knox, lb,	5	0	0	0	0	4	2	4		
Griffin, c,	5	2	1	0	10	3	1			
Tatro, lf,	5	1	1	0	0	0	0			
E. Winter, ss,	4	1	1	0	1	1	1			
Totals,	42	8	8	0	33	21	11			
Innings,	1	2	3	4	5	6	7	8	9	10 11
M. A. C.,	1	0	0	0	0	1	4	0	0	1—7
Delphians,	0	0	0	2	0	1	1	0	2	0—8

Earned runs—M. A. C. 1, Delphians 2. Two-base hit—Fletcher. Stolen bases—Bagg, S. F. Howard 2, Fletcher 2, Clark, Sullivan 3, Meade, Griffin, E. Winter. Double plays—Meade, Griffin and Eberhardt. Base on balls—Meade 2, Stevens, Crane 2, Fletcher. Struck out—Stevens 2, Curley, Bagg, E. C. Howard, Fletcher 2, Clark, Eberhardt, L. Winter 4, Meade, Slate, Knox, Griffin 2, Tatro, E. Winter. Passed balls—Bagg 2. Time of game—2h. Umpires—E. H. Lehnert, Robert Guess.

*Winning run made with one out.

College Notes.

—J. L. Field was absent several days last week.

—Military essays are now in order for the season.

—R. A. Cooley, '95, has been at home sick during the past week.

—The juniors had their first Entomological field work last week.

—H. M. Fowler, '94, has returned to college after a brief absence.

—A. Davis, '95, and F. H. Henderson, '93, were at their homes last week.

—Several of the gravel walks about the grounds are in need of repairs.

—Warren, '95, is to have charge of the Meteorological Observatory, succeeding Beals, '92.

—The mid-term examinations for the benefit of those having conditions were held last week.

—Declamation exercises will be omitted from the sophomore English for the remainder of the term.

—Sanderson, '94, who was recently injured in a class game, took a leave of absence for a few days.

—The class of '93 has been excused from their Wednesday afternoon exercise with Prof. Maynard.

—The exciting Amherst-Dartmouth games of last week were seen by a large number of the students.

—Capt. Crane recently pitched for the practice of the Amherst team, previous to the Dartmouth series.

—Lieut. Cornish acted as judge at the Lincoln prize contest in gymnastics held at Amherst College, May 11.

—M. H. Williams, '92, has been absent from college for a time on account of the sickness of his mother.

—The band stand will be lighted by several incandescent lights, through the generosity of the faculty.

—The local chapter of the Q. T. V. Fraternity was recently photographed by Schillare of Northampton.

—The large stained glass windows in New Chapel which were broken during base-ball practice have been repaired.

—Mr. Mallalieu, manager of the Wesleyan academy team, made a flying visit to the college last Thursday.

—Preparations are promptly being made for commencement. The various speakers are having regular rehearsals.

—Several of the students are attending the games of the Intercollegiate Athletic Association, at Springfield to-day.

—Of late the cadets have been encouraged in their efforts by the presence of numerous visitors during the drill hour.

—A division from the sophomore class has been employed during the last week, in surveying the 500 yards rifle range.

—The young ladies of Miss Buffum's school visited and inspected the meteorological and zoological departments, the 13th.

—A subject catalog of the books of the library has been prepared and placed in the library room for the use of the students.

—Inducements are being offered by several different parties, to students, to take agencies for standard works the coming vacation.

—The northern lights were especially brilliant last Wednesday evening and in consequence a storm was forthcoming the following day.

—If members of the college promptly pay their subscriptions, they will confer a great favor on the treasurers of the various associations.

—Drill for Thursday last was postponed to the following Friday in order to allow the students to attend the Amherst-Dartmouth game.

—Prof. Walker and Lieut. Cornish recently officiated as judges at a preliminary speaking of members of the freshman class at Amherst college.

—A re-drawing of rooms occurred Monday, May 16. It is to be hoped that there is now no dissatisfaction as regards the fairness of the proceedings.

—The Wesleyan-Aggie game as advertised to be played on the college grounds Saturday, May 21, was necessarily cancelled on account of the weather.

—The warrant for the payment of the second instalment of money from the general government has been signed, but as yet the funds have not been received.

—The band will furnish music in town Decoration day. They have had considerable experience at Battalion Parade and will undoubtedly do good work.

—May 11, the juniors had their final examinations in Physics. The time formerly allotted to that study will be devoted to Entomology the remainder of the term.

—J. D. W. French, trustee, on account of ill health, starts on Monday for a trip across the country to Alaska and will consequently not be present commencement.

—There is an attempt being made to secure suitable designs for a college lapel button similar to those worn by other colleges. This should receive the support of all.

—Last week Tuesday afternoon a class of young ladies from the High school with their teacher spent a pleasant afternoon collecting botany specimens about the college grounds.

—H. J. Mann, '94, has left college to enter into the fruit growing industry, with his brother in Oregon. He intends to also take a course in the Leland Stanford, Jr. University.

—It is encouraging to see the tennis courts so well patronized this spring. If this interest continues, there will be much more excitement in the coming tournament than in former years.

—Battalion drill and parade have made up the military programme the last few days. Thus far there has been no target practice this term but probably it will begin as soon as the rifle butt is repaired.

—J. B. Knight, '92, and P. E. Davis, '94, have been employed during the term surveying the college grounds. A map of the ground is to be drawn and forwarded with the exhibit of the college at the World's Fair.

—There was some sort of celebration on the college grounds about midnight, May 20, in which noise was a prominent feature. Just what was being celebrated or who the participants were, is a little uncertain.

—May 23d the Juniors were enjoyably entertained at the house of Prof. Fernald. His large entomological collection was exhibited and proved to be a vast source of pleasure to those interested in that line of work.

—The band stand is now nearly completed. Owing to the slow progress that has been made in its construction, the band will have to give more concerts to make up for the delay. The town's people are anxiously awaiting the opening.

—To-morrow night the glee club will give a concert at Cummington, and Friday evening they give another at Plainfield. The latter being the home of Mr. Clark, the leader, the club will in all probability have an appreciative audience.

—Several members of the senior class attended the trial held in the local court rooms last Wednesday. The sympathy of the college is unanimously in favor of the young man who was held under bonds for taking a trivial relic at a fire in town.

—May 17, Dr. J. B. Paige while giving a practical demonstration before the senior class, received quite a serious cut. By giving the wound the proper attention, he avoided blood poisoning and will not be inconvenienced for any length of time.

—The senior class has obtained their commencement invitations and programmes. The former are very neat and artistic; it consists of calendar paper with a neat knot of ribbon, representing the college colors, tied at one end and the college monogram neatly engraved at the other.

—A large number of students have taken advantage of an invitation from the Phi Beta Kappa society at Amherst college, to attend a course of lectures held under the auspices of the society. The lectures that have thus far been held have more than repaid the trouble taken to attend them.

—As one of the first results of the funds lately received, the Veterinary department has received a collection of models designed to illustrate the appearance of teeth in a horse from the age of twenty-four hours to twelve years, the leg of a horse, and also teeth of an ox. They are of the Aujux models and imported from Paris by Ward, of Rochester, N.Y.

—At the annual dinner of the Talstoc Club, held at the Thorndike, Boston, May 14, Councilman W. C. Parker, '80, responded to the toast, "The Tolstoc Club and Politics." He mentioned the fact that in the city of Boston there are more than 10,000 voters whose names were on the voting list, who did not go to the polls and urged the club to use its efforts to remedy the evil.

—Bulletin 18, of the Hatch Experiment station, is ready for distribution. It treats upon the use of fertilizers, and upon recent experiments. The Entomological bulletin is also out with full report of experiments on the Gypsy Moth, Cranberry Insects, etc.

—The Trinity base-ball team having disbanded, the game which was to have been played on our campus last Wednesday was cancelled. This, unfortunately, has been the case with many of our games this spring and the fact that we have so few contests on the diamond this term should not be considered the fault of the manager who has done all in his power to make this base-ball season an interesting one.

—Y. M. C. A Committees for 1892-93:

Devotional—L. W. Smith, C. L. Brown, E. O. Bagg.

Membership—J. Baker, A. J. Morse, E. H. Henderson.

Nominating—F. H. Henderson, E. H. Alderman, R. A. Cooley, W. L. Bemis.

Missionary—E. A. Hawkes, H. P. Smead, S. Kuroda.

Music—H. D. Clark, T. S. Bacon, G. A. Billings. All but the nominating committee will be increased by adding a member of the incoming class to each.

—The following scores are taken from the base-ball reports published since our last issue:

May 6, Brown 15; Cornell 3.

" " Williams 3; Dartmouth 0.

" 7, Brown 5; Andover 3.

" " Williams 5; Dartmouth 4.

" " Amherst 12; Yale 8.

" 13, Cornell 6; Brown 6.

" 14, Dartmouth 4; Harvard 3.

" 16, Harvard 2; Dartmouth 0.

" " Brown 7; Yale 2.

" 18, Holy Cross 14; Williams 1.

" " Andover 10; Tufts 1.

Of the twenty-one important track athletic meetings to be held this month, eleven are for college men exclusively, or are managed by college associations, while six years ago the only college meet of interest was the annual intercollegiate.

Connecticut has more college students in proportion to her population than any other state in the Union.

THE AMHERST SUMMER SCHOOL.

The annual announcement of the Summer School of Languages at Amherst College has been recently issued and all would do well to read it carefully. This is the sixteenth session of the school, and any who would like to take up the languages further can here find an excellent way of doing so. Quite often a man at this college is heard to express a wish that he might continue in his study of French or Latin, or that he might have some knowledge of German. This school was established as a means of assistance for such as these, and although it continues but five weeks, if one applies himself closely to his work he can get an amount of good that must surprise him. Then there are additional social and rural advantages and general details, which those interested can find in the announcement itself.

POSTGRADUATE COURSES.

At this time every man is looking forward to the fast approaching day when the college year ends and he will take another step on the ladder of learning. To the senior this step means infinitely more than to the others; it puts the finishing touches to his college course and he is already looking forward to some situation in the busy world.

By this time each man has marked out some course for the future; but is he prepared to follow it? In some ways, yes; in other ways, he is not. Sooner or later this lack of preparation is felt by every college graduate; it is becoming more apparent every year—made so by the increasing sharpness of competition, and this increases the demand for well trained men in all branches. The colleges are recognizing this demand and some of the universities are giving advanced courses to graduate students. Harvard and Cornell Universities have graduate schools in connection with their undergraduate departments, while Johns Hopkins and Clark Universities are specially devoted to advanced work. These and many others in this country and abroad offer advanced courses in almost any branch of learning, and send forth from their doors the men who will mold the character of the rising generations.

Shall the graduates of M. A. C. neglect these opportunities for completing their education? Every true friend of the college looks forward to the day

when she may offer unrivalled opportunities for graduate study. As the leading agricultural college in America, should she not offer graduate courses in agriculture at an early date? In the meanwhile let our graduates avail themselves, as far as possible, of the golden opportunities for advanced study in other institutions. No man, who has a desire for more knowledge, should allow pecuniary matters to discourage him from his purpose. Remember that our great men were obliged to overcome obstacles in order to reach the goal before them. Can any ambitious student expect more kindly treatment from Dame Fortune? E. P. FELT, '91.

THE LEGISLATURE'S ANNUAL VISIT.

About thirty members from the committees on Education, Military and Agriculture were present at M. A. C., Thursday and Friday, May 12th and 13th. Senator Hickox acted as chairman of the body and they were accompanied by Mr. Whittaker, Editor of the *New England Farmer*.

Thursday afternoon was spent in looking over the Entomological and Botanic departments and also the State Experiment Station. They were then driven to the parade ground and there witnessed a Battalion Drill. All present seemed very enthusiastic over this department and the cadets may well be proud of their excellent appearance. The manual was executed with a precision and correctness that astonished the visitors. The marching was necessarily shortened by the rain. Compliments were also paid the band and all thought it a pleasant feature of the afternoon programme.

In the evening President Goodell entertained the committees, the members of the Faculty and their wives, and the Station assistants at an informal reception held at his home.

Immediately after chapel Friday morning, the Military committee accompanied the commandant on his regular weekly inspection. After the inspection, the Museum, the Meteorological, and the Farm departments were visited, and then all were driven to Amherst college and were shown about the "Gym," Appleton Cabinet and the Art Gallery.

The committees were well pleased at the prosperous condition in which they found the different departments and which reflects so much credit upon President Goodell and the Faculty.

We feel certain that the visiting members of these committees have gained such good impressions of the M. A. C. that they will not fail to help us when questions are brought up concerning appropriations for this institution.

INTERCOLLEGIATE.

Harvard's living alumni number about 5860.

Nebraska has 729 sod school-houses within her region.

Thirteen colleges in the United States are without presidents.

The University of Berlin gives students the choice of 716 lectures.

There are eleven graduates of Yale and sixteen of Harvard in Congress.—*Ex.*

A new Harvard song book has just been issued, containing thirty-five new songs.

The Dartmouth base-ball team has over \$1000 pledged for its support this season.

The students of Oberlin are to run a hotel at the World's Fair to get money for a gymnasium.

Oxford will send an eight-oared crew to the World's Fair to compete with American college crews.

THE LARGEST STOCK OF

Boots, Shoes & Rubbers

IN TOWN AT

PAGE'S SHOE STORE,
WILLIAMS' BLOCK.

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HACKS TO AND FROM ALL TRAINS, OMNIBUSES,

HACKS, DOUBLE AND SINGLE TEAMS

FURNISHED AT SHORT NOTICE.

CAREFUL DRIVERS.

FAIR PRICES.

AMHERST, MASS.

MY LADY NICOTINE.

In the never-ending hurry
Of the weary, tedious day,
I look forward, 'mid life's worry,
To the evening, cool and gray.

For then turn I from earth's striving,
To the worship of my queen;
Life and hope anew deriving
From My Lady Nicotine.

Through the cloud wreaths is she drifting;
Fair and phantom-like is she;
And the blue smoke, swaying, shifting,
Wafts My Lady down to me.

In the dusk we speak together,
(Dearest friends for e'er are we);
Watching cloud-born forms that never
Other mortal eyes may see.

L'ENVOI.

Better men press on around me;
I, happier far, I ween,
With the chains that aye have bound me,
And—My Lady Nicotine!

*—Blue and White.**THE TRINITY GAME.*

The following has been received from the Trinity College Base Ball Association and explains the reason for which Wednesday's game was cancelled.

HARTFORD, CONN., MAY 14, 1892.

Mr. G. E. Taylor, Manager M. A. C. B. B. C.

My Dear Sir:—We are very sorry not to be able to play with you on Wednesday, but the condition of our team is such that we could not give you a creditable game without playing outside talent and this last, of course, could not be thought of.

Bad luck after bad luck has come upon the team of late in the shape of injuries to the players. * * * * * I trust that this, our hard luck, will in no way inconvenience you in your management, but with our team in its present condition it is absolutely impossible to play you.

I am yours very cordially,

GORDON HALL, Manager.

We especially regret that necessity compelled the cancelling of this game, as all had expected that it would have proved one of the best home games this season.

Trinity has not played here for several years and the Base Ball Management considered themselves especially fortunate in securing two games with them but we have been disappointed in the first and the Decoration Day game has been given up for the same reasons.

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Cornell has established a school for the study of naval architecture.

Ohio State college students have lately been excited over an Oxford cap affair. The juniors intended to appear in caps and gowns, one morning, but the seniors who had adopted the dress for graduation, nipped the scheme right in the bud by stealing the whole outfit. The following night, a midnight fire on the campus disposed of the outfits, and the ceremony was attended with fitting ceremonies in the midst of which the two classes engaged in lively rushes.—*Ex.*

PRAYER-MEETING TOPICS.

May 26—Our duty of Thankfulness to God. Rom. 1:21. F. C. Tobey.

May 29—Help in Temptation. Heb. 4:14-16. F. H. Henderson.

June 2—The Christian and his Associates. A. E. Melendy.

June 5—Aggressive Christianity. Gal. 6:9-10. E. O. Bagg.

NOTICES.

Mails leave the college for the post-office at 1 P. M. and 7-40 P. M. on week days. On Sundays it leaves at 4-45 P. M.

At the post-office mails leave as follows: Boston, 7-45, 8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M.

Springfield, New York, Washington, Southern and Western states, 7-45, 10-45, A. M. 4-00, 6-45, 8-30 P. M.

Worcester, Providence, Eastern and Western Massachusetts, 7-45, 10-45, A. M. 4-00, 6-45 P. M.

Fitchburg, North Adams and the North, 8-30, 10-45 A. M. 4-00, 6-45 P. M.

Northampton and Holyoke, 10-45 A. M. 6-45, 8-30 P. M. Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

The President will be at his office from 2 to 4 every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 3 to 5 P. M. on Wednesdays and Saturdays throughout the term.

The museum of natural history will be open to visitors from 2 to 4 every afternoon except Saturdays and Sundays.

The college library will be open from 2 to 4 P. M. and from 6-30 to 8 P. M. week days. On Saturday also from 8 to 12 A. M. and from 1 to 4 P. M., and on Sunday from 12 to 3 P. M. only.

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AGGIE LIFE.

VOL. II.

AMHERST, MASS., JUNE 8, 1892.

No. 18

AGGIE LIFE.

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Agricultural College.

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Editorials.

WE feel that a word is due here, in acknowledgment of the accommodation which some of our professors have recently shown in giving up their exercises in order that the students might carry out plans which conflicted with the regular schedule. Of course an instructor feels reluctant to delay the progress of those under him by giving up hours which he had planned to make use of. But when reasons are presented sufficient to warrant a concession to the students' request, willingness on the professor's part to do this, will be recognized and as a result the work of the student will frequently show his appreciation.

It is with pleasure that we note in another column that E. P. Felt, '91, has been elected a Fellow of Cornell University. Not only because we recollect that Mr. Felt was not so very long since Editor-in-Chief of the LIFE, but for the reason that, as fellowships are received only by virtue of high rank in

studies, we have a proof that M. A. C. alumni are well able to cope with those of other colleges in the graduate courses at the various universities. This is not a special case. Several such instances have been noted since the establishment of the college, and it must certainly be a great encouragement to the undergraduate contemplating an advanced university course to feel that he is on an equal footing with his contemporaries of perhaps more popular institutions.

It is to be hoped that the words of President Goodell in regard to inattention during morning prayers will have the desired effect. Visitors who happen to be present must note the disrespect to the devotional exercises and carry away unfavorable impressions concerning the character of the students as a whole, when but a few are at fault. Out of consideration to the character of the exercises every student should feel that it is his duty to do nothing that would tend to give the college an undesirable reputation. While we understand that it is merely thoughtlessness on the part of the students, outsiders will not generally make allowances which those acquainted with the peculiarities of college students would, so we should see that they have no cause for harmful reflections on the moral condition of the students.

MEMORIAL Day has come and gone and there remains of it memories of two diminutive companies of M. A. C. students assisting in the day's tribute to the honored dead. It is shameful to realize how little the young man of to-day appreciates what the soldier did for him. While perhaps there isn't a man in college who has not some near relative in whose memory the nation sets apart Memorial Day, yet one-half of the students had other and "more important" duties which prevented them from marching to the cemetery, as requested by the Grand Army. The ranks of the old soldiers are

becoming thinner each year, and soon not a man will remain among us who ever battled in the civil war. And therefore, if ever we are again honored by the invitation of a veteran to follow his footsteps to the cemetery on Memorial Day, let us not neglect to accept the opportunity of giving with him veneration due the memory of his dead comrade.

THE task of settling disputes on the ball-ground rests with the captains of the teams and such other persons whose positions may make their assistance necessary. It does not rest on the crowd of spectators. It is to be expected that those who witness a game will have an interest in one side or another, and that they will show it when disputes arise, but it seems to us that better results would be obtained if the captains in such cases would hold their council of war in a place somewhat distant from the influence of the excited crowd.

Now that so many of the college boards and associations are being photographed we would like to suggest that they add a pleasant feature to the college memorabilia by presenting their framed pictures to the library. At present there are in the library pictures of the Arion Quartet and of the pioneer editorial board of the AGGIE LIFE and could the number be increased by our present boards and associations, they would make an attractive addition to the college memorials. In the same way a senior class album placed in the library would undoubtedly be of interest to future classes. Several of the older classes started the custom but of late the practice has been dropped, perhaps because recent classes have not had sufficient time to give the matter their thought. It seems to us however that it is a subject worthy of consideration; the memorabilia of the college are very complete in other lines and everything of this nature tends to perpetuate college history and to strengthen and increase college spirit among undergraduates. Memories of former college achievements are kept alive and serve as incentives to succeeding classes to put forth greater efforts for the winning of brighter laurels than have been worn by their predecessors.

It is unfortunate to all concerned that the late Wesleyan-Aggie game should have terminated in

the abrupt and unsatisfactory way that it did. Nothing is more disastrous to the enjoyment and good feeling that generally attends intercollegiate base-ball or foot-ball contests than the arising of disputes between the contending parties. Such occurrences not only destroy the pleasure which the game should afford, but injure the reputation of both teams and of the institutions which they represent, and are likely to mar for a time the good feeling which may have previously existed between the parties. Our relations with Wesleyan Academy have always been of the most pleasant nature, and it is our sincere desire that they shall continue as such. We regret as much as do our friends in Wilbraham that the incident of last week should have occurred. Just what the merits of the dispute were and on whose shoulders the blame should be placed we will not attempt to say. The game has been played, and the result published. Further attempt at settlement can but be useless. In the future would it not be advisable to return to the one umpire system when playing important games, and by having a man who has no connection with either of the institutions, lessen the liability of trouble arising through dissatisfaction at the decision?

As the college year is so rapidly drawing to a close our thoughts naturally turn to the class who will at the opening of the next term be with us to take the first stride in the race of college life. Every student can do something toward making the class of Ninety-six a credit to itself and the college, using his influence while at home during the coming vacation, and by showing what the college is doing to turn out manly young men. It is a fact often lost sight of that the student himself is a more potent advertiser for his alma mater than money spent in printed advertising, and the work done by the faculty to induce students to attend their institution. The faculty may be unduly prejudiced in favor of their pet college, and so, unwittingly or unintentionally though it may be, will give a better description of the college than it really deserves; but the student gives his description from an unprejudiced standpoint; he has seen the inner workings of the student body, he knows just the benefits to be derived from the intercourse which he has with his

fellows ; in short, he sees college life as it is to one inside the gates rather than as one who only glances over the fence. Bear this fact in mind boys, and make it apart of your summer's work or recreation, to bring back at least one new man with you when the college year of 1892-93 opens next September.

Contributed.

M. A. C. AT THE WORLD'S FAIR.

The time is drawing near when one of the greatest of national projects will have been carried out—when this United States will be able to boast of having within its boundaries a World's Fair. Representatives of all the products of the world's industry are to have their place in this great exposition. It is therefore of vital importance that we should take immediate action upon the manner in which we intend to represent our college to the world in 1893.

It is an undisputed fact that this is an agricultural college in the fullest sense of the word, and that according to law, military training is compulsory. This being the leading college of its kind in America, we will have to compete with those of foreign lands.

How can this be done to advantage? By having an exhibition at the fair—an exhibition that will compare favorably with any similar exhibitions that may be made by other institutions. There are two different ways in which the college can be represented, by the exhibition of agricultural products and the accomplishments of the Hatch Experiment Station, and through the military department.

Such an exhibition will be of lasting benefit to the College. What our institution needs is the acquaintance of the world, and this is one of the best ways to secure it. If we place our agricultural products on exhibition in the fair it will necessarily follow that the world will take note of our efforts and will learn more about our college. Arrangements have been made for placing photographs and maps of the college property in the fair. What could be more pleasing to an alumnus examining these reminders of his college days than the sight of the name of his Alma Mater affixed to a prize exhibit?

Through the military department our college has

another opportunity for showing the world what the M. A. C. can accomplish. It has been proposed by some that cadets from every Agricultural college in the United States visit the fair in a body and that a consolidated encampment be made in Chicago. If this could be brought about, the advantages to our colleges would be very great. The M. A. C. could show its excellence in drilling, as compared to that of the other similar institutions, while the military training derived would be of great value to the students themselves. For a long time attempts have been made by both commandant and cadets to secure the privilege of having the battalion ordered into camp for a few days in the spring. Here is an opportunity for something of still more importance in this line. It has been estimated that if all the cadets from the agricultural colleges in the United States were at the fair the number would reach ten thousand. The presence of such a military body would be a great addition to the attractions of the fair and at the same time would boom the agricultural colleges of this country.

Every M. A. C. student wishes to see the fair. Taking everything into consideration what better way is there for us to go than as a battalion, securing cheaper rates, and having as it were a position above the ordinary visitor. How can we better our present drilling than by adding to it something that will give it increased interest. Surely it must be admitted that this way is as good as any that can be found.

Aggie must be represented at the World's Fair. She ought to try every way possible to become world famed, and therefore it would seem that these two ways of placing exhibitions of agricultural products in the fair, and in some manner presenting her military department before the public are the best to employ to gain this object.

There seems to be few other ways open. As yet no Fulton or Edison has been developed within her sanctuary, and if she intends to compete favorably with her opponents she must begin now, and perfect herself in her military department as well as commence preparations for her agricultural display. It ought to be the duty of every student to see that an early start is made so that all connected with the College may feel confident that Aggie will be one of the centers of attraction at the World's Fair.

C. A. G.

A LEAGUE.

The poor success which the base-ball team has had in getting games this spring has led to much dissatisfaction on the part of the students, including the players themselves. No one can blame the manager as he has worked hard and had a full schedule early in the season including many games to be played on the campus. But other teams would for some trivial reason cancel engagements and leave us in a crippled position. Now this is not an unusual year in this respect. The same circumstance is brought before us every season, whether it be foot-ball or base-ball, and as long as this thing continues there will be so much the less interest taken. If men support the teams with their pocket-books they want games. If the highest interest on the part of the players is to be gained there must be important contests to which they can look forward and say: We must win. For this to come to pass there must evidently be a change in the condition of things and the only feasible one is the forming of a league. It would not be entirely improbable that there are other institutions in a situation similar to our own and co-operation of several of these would bring about the desired result as nothing else could. Looking among our usual opponents probably we have none more evenly matched than Wesleyan Academy and Worcester Polytechnic Institute. Although we have not played Boston University this year, from the results we should infer that she would not be out of our class. It would seem that a league of these four institutions would be most desirable to the athletic interests of all concerned. It would be no more expensive to run a team when there is a championship pennant in view than under the present unsatisfactory system and undoubtedly better teams would be sent out from the contesting institutions.

At all events something better than the existing system is needed to bring about greater enthusiasm in our sports. If the foregoing suggestion should be in unison with the minds of the college in general, let steps be taken at once in order that foot-ball next fall may receive the benefit of such a scheme.

The University of Oxford has appliances for printing 150 different languages.

JUNIOR RHETORICALS.

The donor of the Flint prizes could hardly have devised a gift more helpful to the college as a whole. While perhaps more directly benefiting the Junior class, their influence will be felt by every student in college. This competition adds another pleasant feature to the Commencement program and gives the Juniors a share in those exercises, besides preparing them, in some measure, for their graduation.

The mention of preparation leads to the query, What class-room exercises has the student had, calculated to fit him for this trial? As Freshmen, we find the schedule devoting one hour per week to rhetorical. This time is devoted to reading, the first term, with, perhaps, a declamation from each one. In the second and third terms, declamations are required and the prize speakers appear before the public. In the sophomore year, the rhetorical hour is divided between declamation and composition. Each student speaks two or three times, the number of appearances depending on the size of the class. Then follows sophomore prize speaking and their days for declamation in this college are over. The work in this department for the junior year consists in the preparation by each man, of one or two orations to be read before the class.

Here, at last, we find in what the direct work of preparation for this contest consists. So far as it goes, it is work in the right line, but will the writing of one oration give a man the practice and experience that shall enable him to produce something that will command the attention of an audience?

"But," you say, "does not his experience in declamation help him?" Certainly, it does. Yet, there is a difference between trying to render one of the masterpieces of a great orator and the delivery of your own thoughts. If the selection is well chosen, its own beauty and power will hold the attention of the house; but the maiden effort of one speaker is less liable to entrance the mind. "Has he not had practice in composition?" you ask. Yes, but of a different kind. It is one thing to write an article that will read well, and another to have something so interesting that an audience will not tire of hearing you.

It would seem that time might be spared from other work of junior year so that each man should

prepare and deliver at least four orations. The practice thus gained would greatly raise the standard of such work and increase the interest in the prize contest. Were this speaking the sole end of the work, its importance would be greatly lessened. But hardly any gift possessed by men in practical life will be of more use to them than the ability to write and speak easily and readily; and this practice is just what will accomplish the desired result.

We are aware of the difficulties in the way of increasing the amount of work in this department; with only one professor to give rehearsals to all classes, but little more can be done in this work than at present. But we hope the time will soon come when more attention can be given to this department of our college.

As it now stands, the appearance of the Flint speakers depends more upon their natural talent and individual work than it does upon work done in the class-room.

COMMUNICATION.

It seems to us that the privilege of reading college exchanges should not be limited to the editorial board. We as students support the college paper to a large extent, and have we not a right to enjoy the benefit that may be derived from it?

The present arrangement of keeping the exchanges in the "sanctum" is a poor one for it leaves them accessible to comparatively few students, whereas, if they were arranged in the college reading-room, every student would have an opportunity to keep posted in the doings of the outer college world.

For a college to be in a prosperous condition, it must maintain its intercourse with other colleges, and through these college papers comes a mutual exchange of customs, interests and ideas, all helpful and essential for growth and development among our students. But they can hardly be said to be exchanged if those that come from outside are read by only a dozen students. Finally, it would make the exchange column of more local interest if the papers and articles referred to were placed in easy reach of those interested, and it is earnestly hoped that before another year the Board of LIFE editors will take some decisive action upon this matter and place in the reading-room the products of college journalism, thus allowing the students an opportunity to peruse the many different college publications.

STUDENT.

DR. PARKHURST'S LECTURE.

The last lecture in the Phi Beta Kappa course was given May 24th in College Hall by Dr. Chas. H. Parkhurst, and a large number of students took advantage of the opportunity to hear him.

The Christian ministry as a profession was his subject. The opportunities open for doing good in this line formed the greater part of his address. He showed that to attain success a young man must be quick to grasp all the opportunities within his reach, and there are plenty of such opportunities lying all about him. He must preach the truth to the best of his ability. Audiences like to hear criticisms of Solomon and other characters of Bible history, but when modernisms are treated they are not quite so free with their approval. He must bear in mind the physical as well as spiritual well-fare of his people. A "sound body, good brain, and pure heart" make the true man. At present the Christian ministry is not as broad as it should be. He made passing reference to his own work of showing the vice of New York city. The newspapers had told of it, but it needed to be brought more directly before the understanding of the public.

This lecture closed a course which has performed a double mission, that of entertaining and instructing.

NOTICE.

The fact that many men in college are unnecessarily slow in paying their subscriptions to the base-ball association has led the treasurer to make the announcement that all those who have not paid in full before June 16 will have their names published in the commencement number of the LIFE. This is the only feasible way to secure justice for those who are prompt in their payment.

C. A. GOODRICH, Treasurer.

An electric railroad connects with the Cornell campus and local railroad stations.

A summer school for young ladies is to be established in the world-known Eiffel Tower.

The Minnesota University is undergoing a severe strife between "anti-frats" and fraternities.

Two younger but equally gigantic brothers of Heffelfinger will, it is expected, enter Yale next year.

College Notes.

If you have not yet paid your subscription to the LIFE please do so as soon as convenient.

- The cannons are in again.
- Sub freshmen—where are they?
- Where is the first band concert?
- There was no game last Saturday.
- Warren, '95, is once more on drill.
- Final examinations will occur next week.
- Is there to be a tennis tournament this term?
- Senior military prize essays were due June 1st.
- H. F. Staples, '93, spent Sunday at Northfield.
- Mason, '95, is a volunteer member of the band.
- E. J. Walker, '93, spent Memorial Day at his home.
- The *Cycle* will be issued at commencement as usual.
- H. J. Putnam, '94, was visited by his brother last week.
- The '93 "Index" board was photographed last Thursday.
- There are to be several class reunions at commencement.
- F. L. Greene, '94, now resides at the upper plant house.
- Worcester "Tech" at Worcester is the game next Saturday.
- Prof. Fernald has been on the sick list during the past week.
- Only one week before examination—so near and yet so far!
- G. A. Hubbard, ex-'95, played in the band Memorial Day.
- The senior class was examined in constitutional history last week.
- Buy a dress suit. You will have lots of chances to loan it.
- Dickinson, '95, received quite a serious cut on the hand last week.
- The rumor that there is to be no senior vacation this term is false.

- Mr. Adams, the druggist, had free soda for Aggie cadets decoration day.
- Sanderson, '94, has not yet sufficiently recovered from his injury to play ball.
- The class of Ninety-five was photographed at Northampton, June 1, by Schillare.
- Several of the students have arranged to take up canvassing work for the summer.
- Lieut Cornish will appoint the commissioned officers from the junior class this term.
- Nothing yet has been heard from the second remittance from the United States grant.
- Amherst plays Williams to-day and on Friday and Saturday plays Dartmouth at Hanover.
- Williams and Amherst have already had two games postponed this season on account of rain.
- W. M. Shepardson of the Botanic department is to occupy the house on the late Bangs estate.
- Several cadets were so burdened with demerits that they were allowed an extra drill last Saturday.
- The daily exposure of the flag to the weather will require that it be replaced by a new one before long.
- Alderman and Shepard, '94, took advantage of the Memorial day recess to visit Worcester, Mass., and vicinity.
- The juniors and freshmen had no exercises in chemistry last week owing to the absence of Dr. Wellington.
- The cadets who took part in the Memorial day exercises were rewarded with an early dismissal last Friday.
- The address before the Y. M. C. A. will be delivered by Rev. Edward Anderson of Danielsonville, Conn. this year.
- G. E. Taylor, the college representative to Boston University, was absent several days last week at that institution.
- There was an interesting trial of dairy apparatus at the farm-house June 1. The exercises were open to the public.
- It was a motley audience that witnessed the Wesleyan-Aggie game on the campus. Williston seminary and Amherst, '95, both had representatives on the field. Patriotism abounded.

—Programs for commencement printed on cardboard have been distributed to the speakers and members of the senior class.

—Mrs. Cowles who has so faithfully served the Boarding Club as matron for so long a time will leave at the end of this year.

—A large number of students attended the last entertainment of the Union lecture course held in the town hall Tuesday, May 24th.

—Mr. Chas. A. Mills of the board of overseers spent last Tuesday and Wednesday inspecting the various departments of the college.

—Flowers have at last been set out in the beds on the college grounds. It is unfortunate that the work could not have been done before.

—Lieut. L. W. Cornish acted as judge at the annual prize drill of the Highland school battalion held at Mechanics Hall, Boston, Mass.

—E. Shaw, son of E. D. Shaw, '72, received such severe injuries in a railroad accident at Northampton, June 1st, that he died shortly afterwards.

—Quite a delegation of M. A. C. students went to the circus at Northampton last Thursday afternoon. A barge load also went over in the evening.

—If constant rehearsing predicts a close contest in the prize speaking at commencement then surely expert judges will be required to decide the winners.

—A. Davis '95. has recently been quite ill and diptheria was reported, but fortunately such was not the case and Mr. Davis is now at his work once more.

—No chapel exercises were held May 29th to accommodate those who desired to take advantage of the recess afforded by Memorial day to visit their homes.

—There was an open air entertainment on the campus the evening of June 1st; music and athletic exercises were on the program and general good nature prevailed.

—The numerous necessary postponements have made the drill hour so irregular the past two weeks that the battalion has not received the encouragement of the usual quota of visitors.

—The Grand Lodge of the Q. T. V. Fraternity held its annual convention with the local chapter May 26 and 27. Representatives were present from Boston Alumni, Orono and Granite Chapters.

—The M. A. C. band and two volunteer companies of the Clark cadets led the Memorial Day procession and at the dress parade which closed the exercises of the day, Lieut. Cornish acted as colonel.

—We regret to notice that depredations have already been committed on the band stand, which although not of great extent, nevertheless show a spirit of carelessness that should not exist at the M. A. C.

—It is generally understood that we are to have electives next fall. A plan has been forwarded to the trustees and it only remains for them to sanction such a move, when we shall have the long desired feature in our course.

—There will be a gathering of members of the State Grange at the M. A. C. the Thursday and Friday of commencement week. We are glad that the farmers of the state can thus be afforded a chance to inspect the institution that is maintained for their especial benefit.

—The Glee Club has arranged to give a concert in Conway next Friday evening. Other applications for concerts have been received by the business manager which the Club will be obliged to defer till next season on account of the shortness of the time.

—To accommodate those who wished to visit Northampton, the drill for Thursday of last week was postponed until Friday. Also the drill for tomorrow takes place to-day in order to afford the commandant an opportunity to attend the encampment at Framingham.

—The Glee Club sang to appreciative audiences in Cummington and Plainfield on the evenings of May 26th and 27th. Comments from the press indicate that their efforts were well received. One of the singers apparently made a particularly favorable impression on the local reporter.

—Colonel Hughes visited the college two weeks ago in the capacity of inspector. As he came unexpectedly, preparations in the form of cleaning equipments were hurriedly made. Notwithstanding the absence of several of the officers the result of the inspection was creditable to the battalion and the commandant.

—The bill providing for an expenditure of \$8000 for the erection of a rose house and repairs in the Durfee plant house and \$2000 for a tool house has passed the Senate and is now in the hands of the House. President Goodell expects to be given a hearing before the finance committee concerning the bill within a few days.

—Freshman night occurs a week from Friday night. Members of the upper classes have been advocating its abolishment and their arguments have been supplemented by remarks made by Lieut. Cornish to the sophomores and freshmen. Whether it will result in no noise or whether the customary uproar will exist as in the past remains to be seen.

—The following are the results of a few of last week's games:—

Dartmouth vs. Williams	9-0
“ “	4-0
Harvard vs. Amherst	3-2
Amherst vs. Northhamptons	3-5
Harvard vs. Princeton	9-4
Wesleyan vs. Worcester “Tech.”	6-0

BASE-BALL.

M. A. C., 9; WESLEYAN, 0.

The game with Wesleyan on the home grounds, May 28, was exceedingly interesting and the excitement reached its highest point in the ninth inning, when Wesleyan succeeded in tying the score and Chandler came too near bringing in the winning run.

The game opened with Aggie at the bat. Stevens got a base on balls, and took second on Curley's single, but the next three men failed to see first. Wesleyan went out in one, two, three order and the home team followed suit. Lombard then sent a long fly out in left field, which Howard failed to get under, stole second but was put out at the plate in trying to score on Montague's grounder to Fletcher. Sedgwick was hit by a pitched ball and both men scored on Squier's two-bagger. Pulver ended the inning by striking out. In the third Aggie took a brace. Stevens again got first on four balls, was sent to third on Curley's hot grounder to Pulver. Bagg struck out and Howard flied out to Montague. Crane got first on an error and at the same time Stevens scored. Later a wild pitch allowed Curley to cross the plate. Crane

scored on Howard's single who was himself put out in trying to score. In the fifth Aggie obtained two more runs. Bagg got in a single and reached third on errors, Howard got a base on balls and stole second. E. C. Howard sacrificed out and Bagg scored. Fletcher's grounder to Pulver allowed Howard to cross the plate, and Clarke finished the inning by sending a ball to Sedgwick who assisted to Jester. Two singles and two passed balls gave Aggie one more run in the sixth. In the next inning Clark got first on an error of Montague's and Sullivan's single brought him in. S. F. Howard got Aggie's last run in the eighth in the same manner.

Wesleyan did not make any more runs until the seventh when Sedgwick was able to score by means of two errors and Squier's fly into left field which Howard ought to have caught. Dean opened the eighth with a strike out, but Bagg failed to hold the ball. Another long fly was sent out into left field by Homan and Dean scored. Lombard sent a hot liner to Fletcher who touched third before Homan was able to return and an unassisted double play had been made.

The ninth opened with a strike out, but Bagg was unfortunate and the man had reached first before he was able to assist to Crane. Sedgwick followed with a single. Squier with a two-bagger, which sent in two runs, and Chandler's single sent Squier home. Dean fanned out, Homan sent a long low fly out to right field and everyone thought the game was finished, as Chandler was on his way home; but to the surprise of all the ball was safe in Sullivan's hands and Homan was out. Curley, who received the ball from the out-field, threw wild to Fletcher, and Chandler again started for the home plate and this time he was put out.

At this point Wesleyan claimed that the ball had been blocked when thrown over Fletcher's head, but Lehnert failed to see the same and as the Wesleyans failed to play ball after “play” had been called, the game was given to the M. A. C. The score:

	M. A. C.							
	A B	R	E	T B	P O	A	E	
Stevens, ss,	4	2	1	1	1	3	1	
Curley, p.,	4	1	1	1	1	11	0	
Bagg, c,	4	1	1	1	7	1	4	
S. F. Howard, ef,	4	2	1	1	2	0	0	
Crane, 1b,	5	1	1	1	9	0	1	
E. C. Howard, lf,	5	0	1	1	0	0	0	
Fletcher, 3b,	4	0	0	0	3	5	2	
Clark, 2b,	3	1	0	0	3	1	0	
Sullivan, rf,	4	0	2	2	1	1	0	
Totals,	37	8	8	8	27	22	8	

	WESLEYAN.							
	A	B	R	B	TB	PO	A	E
Dean, 3b,	5	1	1	1	1	0	4	0
Homan, cf,	5	0	1	1	2	0	0	0
Radasslavoff, lf,	4	1	0	0	0	1	0	0
Lombard, c,	4	0	1	2	5	3	1	1
Jester, lb,	4	0	0	0	13	3	1	1
Montague, ss,	4	2	0	0	3	2	3	3
Sedgwick, 2b, p,	3	3	1	1	1	8	0	0
Squier, rf, 2b,	3	1	3	6	3	1	0	2
Pulver, p,	4	0	0	0	1	4	2	2
Chandler, rf,	2	0	1	1	0	0	0	0
Totals,	38	8	8	13	27	25	7	7
Runs,	1	2	3	4	5	6	7	9
M. A. C.,	0	0	3	0	2	1	1	0-8
Wesleyan,	0	2	0	0	0	1	2	3-8

Earned runs—M. A. C. 1, Wesleyan 2. Two-base hits—Homan, Lombard, Squier 3. Stolen bases—S. F. Howard 2, Curley, Clark, Raddy 3, Lombard, Sedgwick 2, Squier 2, Montague. Double plays—Fletcher; Sullivan, Curley, Fletcher and Bagg. Base on called balls—Stevens 2, Curley, Bagg, S. F. Howard, Fletcher, Clark 2, Sullivan, Squier. Wild pitches—Pulver, Curley. Passed balls—Lombard 2. First base on errors—M. A. C. 5, Wesleyan 5. Left on bases—M. A. C. 10, Wesleyan 3. Time of game—2h. 30m. Umpires—Lehnert and Degroof.

Alumni Notes.

F. F. Noyes, '88, was married to Mrs. Ada F. Smith at Atlanta, Ga., May 2. After the marriage the couple left for Memphis, Tenn. where Mr. Noyes is engaged in the Electric Railroad business.

J. M. Herrero, '90, is at present acting as second superintendent of his father's sugar plantation at Jovellanos, Island of Cuba. He has entire charge of the chemical department which is an important factor in fabrication, and one which is shamefully neglected in most plantations. Mr. Herrero says that in this work there lies a great opening for M. A. C. men.

Dr. J. B. Lindsey, '83, who has finished his chemical course at Göttingen, Germany, is now continuing his studies with Prof. Ernst Schulze in the Polytechnic Institute at Fluntern (Zürich) Switzerland. He will begin his work at Mass. State Exp. Station in July.

E. R. Flint, '87, has already completed his original chemical investigations at Göttingen, Germany and will take his examinations about the middle of June. Mr. Flint will then spend several weeks at Paris and expects to be back in the United States in August.

E. P. Felt, '91, has been elected a Fellow of Cornell University for the year '92-'93. This means an income of \$400. He has the hearty congratulations of the M. A. C.

W. A. Brown, '91, is now in the city engineer's office in Springfield, Mass.

Frederick P. Taylor, '81, Athens, Mac Min Co., Tennessee, visited Amherst last week. while considering a position which had been offered him at the East.

J. R. Blair, '89, visited the college May 26.

Dr. Winthrop E. Stone, '82, of Purdue University, La Fayette, Indiana, sailed June 4 for Germany where he will spend his summer vacation. He made a brief visit to Amherst last week.

H. N. Legate, '91, was in town May 28.

W. C. Paige, '91, who is taking a course at Cornell, returned to Amherst Saturday for his summer vacation.

Cards are out announcing the marriage of Miss Amy Barnes to Prof. S. T. Maynard, '72, the ceremony to be held at Northborough, June 16, 1892.

The little college founded by Gen. Washington in Rockbridge County, Va., has educated thirty-seven governors, eight United States Senators and thirty-one college presidents.

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UNION LECTURE COURSE.

Prof. Hibbard of Wesleyan University was greeted by a large audience at the Town Hall, May 24. He read selections from the writings of Mrs. Browning, Mrs. Harriet Beecher Stowe and other standard authors. He succeeded in both instruction and entertainment. He possesses a voice of strength and flexibility, imagination and sympathy, a pleasing manner and the power to understand and interpret the meaning of the passages recited so as to hold the attention of his hearers and to communicate to them the thought and feeling of the author. This entertainment closed the Union Lecture Course for the season. The attendance from all parts of the town and from both colleges has been good and the receipts large enough to pay all expenses and leave a good balance for the public library. The general demand is that the course be continued annually.

INTERCOLLEGIATE.

The faculty of the Leland Stanford University has demanded the resignation of the editors of the college monthly magazine, the *Palo Alto*, owing to certain articles published in it.

A year's expenses at Harvard are estimated at from \$372 to \$1000; at Princeton \$410 to \$645; at Cornell \$350 to \$500, at Wellesley, about \$350, and at Vassar \$400.—*Wooster Voice*.

Within a circle of 100 miles in So. Carolina are four schools and colleges, having 2300 pupils, all engaged in fitting colored people for teaching and other professional pursuits.—*S. U. I. Quill*.

Training is often carried to an excess, as is illustrated by the frequent temporary insanity of college athletes. Harness, the Univ. of Michigan pitcher is the last victim to be placed in a hospital on account of it.

Smith College is to reproduce the Passion Play. The music will be imported as sung at Oberammergau, and will be rendered by a chorus. The scenes will be taken from the actual play, and will be reproduced by the stereopticon.

The museum of the Leland Stanford University is just completed. It is the first college structure made entirely of concrete, and covers 20,000 sq. ft. of ground. Fifteen thousand articles collected by Mrs. Stanford are ready to be shipped to it.

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Important collegiate events occur as follows:—
Yale Commencement Day, June 30; Cornell-Col-
umbia Freshmen Race, at Ithaca June 8; at same
place, June 15, Univ. of Penn.-Cornell Freshmen
race; Harvard-Yale Base-Ball game June 23 at
Cambridge, June 28 at New Haven.

American colleges have graduated men who
afterwards were Presidents of the United States as
follows: William and Mary, three; Harvard, two;
Princeton, Williams, Bowdoin, Dixon, Sydney,
Union, Hampden, Kenyon, Univ. of N. Carolina,
Miami and West Point, one each.—Ex.

PRAYER-MEETING TOPICS.

- June 5—Aggressive Christianity, Gal. 6: 9-10, E.
O. Bagg.
June 9—Sowing all the Time, Isa. 32: 1-20, H.
E. Crane.
June 12—Helpers, not Hinderers, Rom. 15: 1-13,
H. L. Frost.
June 16—The Christian's Reward, present and
future, John 4; Dan. 12: 2-3, L. W. Smith.

NOTICES.

Mails leave the college for the post-office at 1 P. M. and
7-40 P. M. on week days. On Sundays it leaves at 4-45 P. M.
At the post-office mails leave as follows: Boston, 7-45,
8-30, 10-45 A. M. 4-00, 6-45, 8-30 P. M.

Springfield, New York, Washington, Southern and
Western states, 7-45, 10-45, A. M. 4-00, 6-45, 8-30 P. M.

Worcester, Providence, Eastern and Western Massa-
chusetts, 7-45, 10-45, A. M. 4-00, 6-45 P. M.

Fitchburg, North Adams and the North, 8-30, 10-45 A.
M. 4-00, 6 45 P. M.

Northampton and Holyoke, 10-45 A. M. 6 45, 8-30 P. M.
Palmer and New London, 11-45 A. M. 4-00, 8-30 P. M.

The President will be at his office from 2 to 4
every afternoon except Saturdays and Sundays.

The treasurer will be at his office from 3 to 5
P. M. on Wednesdays and Saturdays throughout
the term.

The museum of natural history will be open to
visitors from 2 to 4 every afternoon except Sat-
urdays and Sundays.

The college library will be open from 2 to 4 P. M.
and from 6-30 to 8 P. M. week days. On Saturday
also from 8 to 12 A. M. and from 1 to 4 P. M., and
on Sunday from 12 to 3 P. M. only.

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
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AMHERST, MASS.

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VOL. II.

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No. 19

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Editorials.

LIFE congratulates the college on being so fortunate as to receive the gift of a bell for the Stone Chapel. The donor is J. Howe Demond, Esq., of Northampton, one of the trustees of the college. We have all felt that the clock greatly improved the appearance of the chapel and was of benefit to the students; but in order to realize the greatest good we should have a bell. Mr. Demond has realized this and has completed the work commenced by '92 and we now have clock, striker and bell complete. Such gifts as these can but tend to show the students that not only are those, so recently members of the college, striving to build up the institution, but the friends outside are also remembering it.

FRESHMAN night has come and gone, and while there was not the usual accompaniment of noise, yet all who are directly interested unite in saying that it was a very successful one: the sophomores, in not having the trouble which is a usual result of

the rivalry between the two lower classes, the freshmen, in the ease with which they gave the sophomores the slip, and the juniors, exulting in the excellent treatment which they received at the hands of the freshmen and Landlord Chase. After all, is not this method of celebrating this time-honored custom an improvement over the noisy, unearthly manner of but a short time ago? Surely there are fewer "big heads" the next morning, and all who are to appear on the Commencement stage are in much better trim to do credit both to themselves and the college. If the precedent which has been established by the class of Ninety-five will be followed out by succeeding classes, the class of Ninety-five will have ground for self-congratulation, and be worthy of receiving congratulations from all who follow.

As has been announced in another column, the State Board of Agriculture will hold its summer meeting on the college grounds to inspect the buildings and equipment of the various departments, and to inquire into the methods of instruction. The work of the experiment stations will receive especial attention, the heads of the different departments giving the needed explanations and demonstrations. Members of the State Grange have been invited to hold a field day in connection with the meeting and it is expected that a large number of patrons will be present from different parts of the Commonwealth. The college rejoices in having an opportunity thus to exhibit its advantages to those for whose benefit and convenience it was founded. The M. A. C. has always been in close relation with the Grange. Many of the students attending have been members, and many parents who have become acquainted with the college through the Grange, have sent their sons here to be educated. The college has done and is now doing much good for the Order, and the Grange has in turn contributed

much to the welfare of the institution. We welcome our visitors in the name of the college; we hope that the impressions they receive will be of the best, and that their visit may be a means through which a large number of students will be secured for the next entering class.

In a few days the class of '92 will have ended its struggles and triumphs at the M. A. C. and will enter the arena of life to fight their way to success and fame. The four years of their college life have swiftly passed by and become only a pleasant memory of happy days. They have grappled with mathematics, chemistry and agriculture and have triumphantly conquered them and all other obstacles and have reached the destination of their college course. While the undergraduates congratulate their predecessors on their having attained the acquirements entitling them to their degree, it is with a feeling of sadness that they watch their preparations for their departure. They will be missed in all the departments of college life. But we cannot do more than to extend to them our sincere wishes for their success in whatever callings they may engage. The undergraduates should realize that the coming year brings with it added responsibilities in the various associations and college organizations. They must step forward to take up the work where the outgoing class shall lay it down. The different college organizations are at present in a flourishing condition and it should be the determination of those who are to return next year that there should be no retrogression, but that advancement should be characteristic of all college work during the coming year.

THE recent formation and organization of Republican Clubs by the students of our various sister colleges is at the present time a very promising indication and leads us to inquire why are we not as advanced as they in this new and worthy idea. Although our party lines may be divided, it is probable that nearly all would support such an organization, but we are slow to recognize the importance of this project and the various benefits to be derived from it, and consequently we have no active political club in our institution. The importance of intelligent young men taking an active

interest in the nation's political affairs is growing more and more apparent. Unrestricted immigration and the rapid increase of the uneducated foreign element has so flooded with corruption our great political parties that the young man of to-day has a tendency to pass by a political pursuit. These unscrupulous classes of people are allowed to monopolize all the nation's offices and trusts, and the country is slowly filling itself with so-called politicians who aim only to benefit themselves at the expense of the national treasury and the people's purse. Now then, the only remedy for such a state of affairs is to arouse in the educated young man an interest in politics, and the best place for this is, doubtless, in our colleges and universities. Here he should be made familiar with the principles and methods of the different parties in order for him to make a favorable choice. In the formation of such a club then, our students will thus receive a preparatory view of practical politics. When, is there a better time for introducing this matter than now before the opening of the coming campaign when perhaps several of us may cast our first ballot.

THE DUTY OF THE HOUR.

ABSTRACT OF THE BACCALAUREATE SERMON DELIVERED JUNE 19, 1892, BY PROF. C. S. WALKER, PH. D.

"Who knoweth whether thou art come to the Kingdom for such a time as this?"—Esther 4:14.

The college graduate on Commencement day comes into his kingdom, a magnificent empire. The realm is before him. The treasures of knowledge, of science, ever confront him and the keys hang at his girdle. He is a prince among princes. Working alone he may accomplish much, but let all college graduates be organized into alumni associations and these again organized into one great university club, where all jealousy and contention between different institutions shall be overcome and forgotten in the common purpose of university extension which shall make the wisdom of the few minister to the enlightenment and inspiration of the multitude, then shall we see the revelation of power and the dawn of a new era.

The college graduate of to-day comes into his kingdom at a time of marvelous and portentous significance, fraught with danger to all classes of society, but to none more than to those who till the soil. Every message from one end of the old world to the other brings us sad tidings of the farmer. In Canada we find the inhabitants, English and French, fleeing from the farms to the States.

Cross the line into our own United States and what do we find? The best, most intelligent and most prosperous farmers of the world; yet the condition of the American farmer is not wholly satisfactory. Make the acquaintance of the black farmer of the South; on the average he is a little better off than his father of thirty years ago. Make the acquaintance of the mountain farmer of the border states and of the poor whites of the cotton states and you will find him making a bare subsistence. Leave the beaten tracks of New England and you find yourself among ruined homesteads and abandoned farms. Watch the life of the Western farmer. He is engaged in no child's play. There are drouths and floods and blizzards to contend with, there are fires and locusts to fight, there are mortgages and taxes; to hold one's own, to wrest from the wilderness a foothold and build there for himself and his a home in which he may enjoy the products of his labor, is a herculean task which a lifetime is none too long to fulfil.

What, then, is to be the destiny of the American farmer? This is a question that many have asked with a good deal of earnestness. Shall he go forward or backward? Shall he become as the Egyptian fellah, the Indian ryot, the Russian moujik, the German peasant, the English Hodge? Has the decree gone forth to the country boy, "Thou and thy father's house shall perish." God forbid! Nevertheless, in spite of an optimistic temperament the man of thought and observation must acknowledge that our day of rapid transformations is indeed fraught with danger to the rural classes who in their isolation and individuality are left in the eddies of the great current of our national prosperity.

Let not the college graduate think that the condition of the American farmer is of no interest to him. Let him not imagine that so long as he secures a good position in some village or city, it

can make no difference what happens to the old folks at home, to the country school, to the rural church: to forget the claims of the farmer upon him is suicidal. Enlargement and deliverance are sure to come in due season to the farmers of America and through them at length to the tillers of the soil the world around.

The duty of the hour, incumbent upon all college graduates of to-day but especially upon those who graduate from colleges of agriculture supported by state and national funds, is to labor night and day with all wisdom and zeal to carry back to the farm, to the rural life, the best improvements of modern civilization. We boast of rapid transit annihilating space. What then is to prevent the farmer from having his daily mail, easy and quick access to the best store, the best school, the church of his choice, and the enjoyment of equal facilities and opportunities of physical, mental and moral development with the inhabitant of the village or city? It is for the educated youth of to-day to join heart and soul with the farmers of the nation in making the conditions of country life in America such that its very environment shall transform European peasants, settled on our farms, into prosperous and intelligent citizens, and all tillers of the soil into country gentlemen.

*BOARD OF AGRICULTURE AND GRANGE
FIELD DAY AT AGRICULTURAL COL-
LEGE, JUNE 23 AND 24.*

Visitors meet at College Chapel at two o'clock, P. M., Thursday, and proceed to Examination of Laboratory, College Barn, Meteorological Apparatus, Zoological and Veterinary Museums, Hatch Experiment Barn and Farm Fields.

Thursday evening at eight o'clock at Stone Chapel, short lectures by college professors and others. Friday morning examination of Insectary, Horticultural Department and State Experiment Station. Short lectures of explanation and instruction by professors in the several departments as the examination proceeds.

At Smith College base ball supplements tennis in the athletic line. They have some three or four nines and their games are proving very interesting and exciting.

CLASS EXERCISES.

Planting of Ivy,	Music.*	PRES. BOYNTON.
Prayer,		DR. WALKER.
Ivy Poem,		R. H. SMITH.
Class Oration, Presentation of Class Clock,	Music.*	GEO. E. TAYLOR.
Speech of Acceptance,	Faculty,	PRES. GOODELL.
	Trustees,	COL. NEEDHAM.
Campus Oration,		G. B. WILLARD.
Campus Poem,		W. FLETCHER.
	Class Song.	F. G. STOCKBRIDGE.
Hatchet Oration,		
Smoking Pipes of Peace.		
Burial of Hatchet.		
	Music.	

*Music by the M. A. C. band.

IVY POEM.

CLASS OF NINETY-TWO.

On each return of glad'ning summer time,
 When life so joyous around us is seen
 And Nature in beauty spreads forth sublime,
 Then is the time when Destiny proclaims
 That student life be changed
 Into manhood's hopes and aims.

And so to us the time has come at last
 To take up duties given each to do,
 But e'er these happy year so short are past
 We meet to plant our ivy, that close and near
 Its life may bind this class to
 Alma Mater loved and dear.

Under her watchful care may the ivy grow
 That on this day springs forth to life anew,
 High may its slender twining branches go,
 New and strengthened growth each year may there be,
 Bringing that beauty only such
 As in the ivy you can see.

As each new branch spreads above and around,
 Likewise may we our whole lives so enlarge
 That in us strength and growth shall ever be found,
 Each life in usefulness should never lack
 Pressing onward and upward,
 And before nothing turn back.

May each one as he shall from here go out
 To fill his place in the life now before him,
 To this home be loyal without a doubt,
 Always remember by many a thought
 The years spent at our college
 And all that these years have brought.

May never the ties that bind be broken,
 But fresh in our minds may there ever remain
 The volume of mem'ries these years have spoken,
 And never forget in whatever we do,
 That to class and to college
 Must we in all things be true.

CAMPUS ORATION.

BY G. B. WILLARD.

LADIES AND GENTLEMEN:—You have assembled here to-day to witness one of the most notable events of the college year. We welcome you all, parents, trustees, alumni, friends, cousins and sweethearts.

You may think it becoming in us, as we are about to leave, to shed a few tears; but the tears are reserved until Wednesday night, after the class supper. Standing to-day as we do, so near to our diplomas, unthreatened by faculty spirit, we can afford to be just and generous, and speak our honest opinions.

Do you realize that this is Class Day and that at this commencement the figures '92 hold conspicuous places about the college buildings? Such is a fact. You show unlimited courage to sit here in the blazing sun and listen to the words of a few insignificant seniors.

I thought of devoting part of this oration to agriculture but I trust you will get a sufficient dose at the commencement exercises. There has been, I think, a disposition among many of us to make too much of our college course, that is, we have studied too hard. Yet I hope this injury is not permanent but will be remedied by a few weeks' rest.

Surely you, an appreciative audience, will agree with me that we have changed for the better, with the exception of myself. We make no pretensions to philological learning nor do we wish to publish a dictionary which would reflect the notions of a Webster, the opinions of a Worcester, the convictions of a Johnson or a Smart, but I believe I may venture to say that we can distinguish the *Doryphora decemlineata* from the *Algeria cucurbital* and can treat the *Febus pyrogenica* in horses.

We have numerous accomplishments. Our course has been one of distinction and repeated triumphs. Lack of time prevents me from referring to our many victories. With this explanation, I will continue with some of the more serious parts of my oration.

Young Ladies of Amherst:—The most delicate task I have to-day is addressing you and I would not do it were it not for the custom so well started by our previous "Campus Orator." Our days with you are numbered. It is our earnest prayer that

you will not all be old maids. You have tried to capture our hearts. They would make you a good souvenir but we have lovingly whispered in your ears,—No. Do not cry too hard, for your handkerchiefs are small.

At this last moment do not “cut” us nor pass by on the other side, although you may look a little better at a distance. We admire your goodness and hospitality. We have passed many pleasant evenings with you, at your homes and at Mr. Petit’s receptions. We are under lasting obligations to you all and regret that we cannot stay with you four years longer. We must bid you,—Farewell!

Gentlemen of the Faculty :—We are glad to have an opportunity to address you. We have had little to say to you in the recitation rooms and for that reason more than any other we address you to-day. Many of us have in our possession a collection of short letters each announcing that his “condition” should be made up at once. The chairs in many of your recitation rooms bear scars that will never be effaced, in witness of our triumphant passage through your different departments. We have applauded your time-honored jokes and the one laughing the loudest has received the highest marks.

You are to be congratulated upon letting so many of us graduate; you have thinned us out as a Sunderland farmer would thin out his onion field. However, with all your faults, we pronounce with many regrets, the word,—Farewell!

Members of the Freshman Class :—You are so young that I will not attempt to give you many words of advice. But study hard, obey the faculty and you will be rewarded in the near future by a few conditions. Lift your hats to the upper classmen and they may recognize you.

Some of you need to be put on the grindstone and sharpened. Others have already been ground by the professors. Yet, don’t be discouraged; drink the proper amount of milk, put plenty of salt in your food, take a good sleep in chapel Sundays, and you will make good men, bye and bye.

Sophomores :—You are a little nearer to the top of the ladder, but you are not quite far enough removed from babyhood to allow us to call you men. It is true that you can detect a strong from a weak cigar and can furnish good men to the “Owl Club.” You are also good judges of fat chickens. Doctor

Walker can testify to this statement. You have accomplished many good things in college, but with you as with every other class, there is room for improvement. You have had your experience with white paint. We hear of your victories in athletics but know little of your intellectual abilities. Aside from all these faults, you are an excellent class. We wish you a prosperous future.

Juniors :—When first we saw you, we considered you much inferior to the other classes but time has raised you in our and your own estimation. You have been rather unlucky at athletics but have shown great mental abilities. You produced an *Index* that in some respects might be called truly remarkable; an *Index* that accomplished a feat never before ever dreamed of, namely, it pleased the Faculty. Ask the Faculty for sixteen hours a week and they may give you twenty. Do all your studying in the afternoon for the twilight may find you in Hamp. You are about to take upon yourself the senior dignity. But take warning. Do not think you will have a snap for you may err in your judgement.

Upon you it devolves to sustain the foot-ball team, the base-ball team, and to keep up the dignity and sobriety which ’92 has accomplished so well.

We bid all three classes a sympathetic,—Farewell!

Classmates :—The hour is drawing near when we shall receive the sheep-skin and with it the degree of Bachelor of Science. We shall appreciate our diplomas, not only because of the small amount of work which they signify, but also because of the small amount of money they have cost us.

We have passed through a varied experience during our four years. There has been a change in everything—even in Rogers’ moustache and in the down on Stockbridge’s upper lip. Who would have suspected that the left handed giant from Braintree would become our invincible twirler, or that tar walks would be instituted in North Amherst, just as Taylor is leaving town. Yet great as is the change, it has all been wrought in the four shortest years of our lives, now coming to a close.

Would I do you injustice, to recall to your minds our “Freshman Night,” when the set piece ’92 illumined the evening sky with cherished memories of the examinations the day before, when the rockets and roman candles burst in the heavens with sopho-

moric dignity, when lemonade was the prevailing drink and sweet fern the substitute for the Havanna? Can you remember how easily we won the rope from '93, how completely we drenched some of the members of '91, who were dancing a clog around the hydrant at the Drill Hall? But all is past and these pleasant associations must soon be euded.

Yes, we must say good-bye. A good-bye to the Lab, that repository of unsavory odors; to the Insectary, that structure of unrivalled architecture, lately called the "Aggie Annex," (where the little busy bee improves each shining hour); to the Old Chapel where conditions are distributed as generously as lemonade at a circus. A good-bye to South College, where we obtain the glorious "Turkish Baths," to the Drill Hall, the bane of Prof. Canavan's life, to the peach orchard and the vineyard. These college scenes will soon be lost to view.

As we enter upon life's duties, let us remember our friends at college and our friends in the town who have lighted our pathway with love. In years to come, our thoughts will return to the spot where four of the happiest years of our lives were spent. Let us be loyal to our *Alma Mater*, the place where many of our sweetest memories had birth. Let the love for "Aggie" that lies in each of our hearts, only be strengthened by the parting hearty handshake. That alone remains as the last memento of happy college days.

MILITARY EXERCISES.

Tuesday Afternoon, June 21st.

Field Exercises, at 4-30 p. m.

REVIEW,

BATTALION DRILL,

DRESS PARADE.

STONE CHAPEL, AT 5-30 P. M.

Music by M. A. C. Band.

Reading of Prize Essays

BY

CADET R. H. SMITH, CADET C. M. HUBBARD.

Music by M. A. C. Band.

Address to Graduating Class.

BY

HIS EXCELLENCY GOV. WM. E. RUSSELL.

Award of Military Diplomas.

St. Louis has a large university club whose membership embraces graduates from nearly every college in the country.

College Notes.

—Where were you during the storm?

—Last week was the Senior vacation.

—The band was photographed last week.

—Repairs are being made in the Library office.

—The rifles were called in over Freshman night.

—There is to be no Senior Promenade this year.

—Electric lights have been placed in the Drill hall.

—G. A. Billings returned in time for the examinations.

D. Barry, '90, paid a brief visit to the College last week.

—E. C. Howard, '93, spent Sunday, June 12th, at his home.

—All of Prof. Maynard's examinations were held last Tuesday.

—Rhetorical examinations under Prof. Mills occurred June 9th.

—Two sophomores barely escaped drowning last week while bathing.

—No drill Monday and Tuesday of last week on account of the heat.

—The base ball team was photographed last Friday at Northampton.

—Examinations commenced Tuesday and ended Friday of last week.

—Tax collectors are now busy at work. May success attend them!

—No books will be issued from the Library during the summer vacation.

—P. E. Davis, '94, has gone home on account of the sickness of his mother.

—Military examinations have been omitted for the two lower classes this term.

—The college grounds will present a fine appearance to our commencement visitors.

—G. A. Hubbard, ex-'95, played in the band during the commencement exercises.

—The books are to be rearranged in the Library this summer for their better delivery.

—H. E. Crane, E. T. Clark, and W. Fletcher spent a part of their vacation at home.

—It is said that '92 will place a class album in the library. It is certainly a desirable custom.

—The Sophomore class underwent a two hours and a half oral examination in French last week.

We regret that space does not allow the complete report of the Class Day exercises to be published.

—Term examinations concluded at 10.30 last Friday instead of at 3.45 as has been customary heretofore.

—We are sorry to learn that Prof. Warner, owing to his illness, will not be able to attend to his duties for some time to come.

—J. L. Field, '92, gave his classmates and their ladies an informal reception at his home in Leverett Saturday evening, June 11th.

—The military prizes were awarded to members of the Senior class as follows: 1st prize, R. H. Smith; 2d prize, C. M. Hubbard.

J. M. Herrero, '90, is among our Commencement visitors. He has just arrived from Brazil, and will remain in the United States two months.

—A catalog of subjects has been placed in the library, containing the work of all the experiment stations. The bulletins referred to are on the library shelves within easy access of all.

—T. O. H. P. Burnham's will, which bequeathed the college \$5000, has been contested by the heirs of the estate on the ground that enfeeblement of the mind had taken place at the time of the drawing up of the will.

—There has been no base ball practice for a week, no more games being scheduled. The game at Worcester, to which was attached so much importance was cancelled by them and the season was over for the team.

—Col. Hughes who made an inspection of the military department not long since has sent in his report. His comments speak very encouragingly of the showing of the battalion. He finds the cannon unfit for the use to which they are subjected and advises that they be exchanged for more modern implements. He not only describes the military department but also gives a short sketch of the work and scope of the various departments of the college including the experiment stations. He expresses his entire satisfaction at the condition of the military department and college.

—Pres. Goodell has been able to add 1300 volumes to the library since last commencement.

—At a meeting held June 13th, the class of '93 elected the following officers: President, C. A. Goodrich; vice-president, F. T. Harlow; secretary and treasurer, F. A. Smith; class captain, F. H. Henderson; foot-ball captain, J. R. Perry; base ball captain, G. F. Curley; polo captain, E. H. Lehnert; historian, G. F. Curley.

FRESHMAN NIGHT.

The class of Ninety-Five deeming that the old customs of Freshman Night as being too rowdyish, determined to celebrate the change from Freshmen to Sophomores by a class supper held out of town, where by themselves they might thoroughly enjoy the evening in a manner which should reflect credit and honor upon the class. Last Friday night being Freshman Night, the class left the college grounds in a body and went to the New London & Northern Railroad depot, where the train was taken for Brattleboro, arriving there at half-past nine. Songs and various other class demonstrations made the journey very short and pleasant.

On arriving at Brattleboro the class at once went to the hotel, and at eleven o'clock the dinner was served, after which appropriate toasts were given. All the speeches were rendered in a rousing manner, and the class was worked up to a high state of enthusiasm. After the speaking was finished, the banquet was brought to a close with cheers for the class, the college and its institutions, the officers and the most popular men.

The class returned to college on the 10-25 A. M. train for Amherst, and arrived all well and sound, well pleased with their trip and feeling that their Freshman Night was a decided success from every standpoint. Ninety-three was given a complimentary supper at the Amherst House and so far as can be learned thoroughly enjoyed themselves.

The Schuylkill Navy has the first aluminium shell built. It is thirty and one-half feet long and weighs but twenty-six pounds.

The oldest and largest medical school in America is that of the University of Pennsylvania. It was founded in 1760, and has graduated 10,458 men.—*Ex.*

THE PRESIDENT'S ADDRESS TO THE GRADUATING CLASS.

A wise custom has selected the early summer for occasions of this kind. It is the season of perfect days and tranquil skies, when nature, forgetful of the icy bondage of the past, awakes to new life and clothes herself in the beauty of returning youth. It is fitting, then, I say, that at a time like this, when the whole universe is filled with countless voices, and the very air is throbbing with life and motion, that you should go forth to commence your life work—out into the midst of this exultant gladness, while the bow of promise stands overarching your skies.

Thank God for this recurrent brightness with its hopes of bounteous harvest. Thank God for this sentiment of hope implanted deep within your breasts. Thank God for this hope and longing for something better,—this restless expectation,—this looking forward to one knows not what and craving an ideal, shadowy and disappointing though so frequently it prove. But for this, the world would settle down in black despair and life would be in vain. For death would be its close and the grave would swallow up all noble thought and aspiration.

There is no heart so worn and weary, discouraged, lonely or forsaken of its fellowmen, but in some corner lingers a hope of something better. Even in death itself this does not fail and hope triumphant smiles across the tomb. In all ages and all countries, sages and philosophers have recognized and recorded this unfailing power. The expectation of the good man is like unto the star that shineth out in the blackness of the night. Hope looketh toward the dawning. 'The miserable have no other medicine but only hope.' 'For to him that is joined to all the living, there is hope.' 'It is good that a man should both hope and quietly wait.' 'For we are saved by hope.' 'Looking for that blessed hope and the glorious appearing of the great God and our Savior Jesus Christ.'

Here and there and everywhere the tireless search is going on for that knowledge which should be most helpful in these busy times. Here and there and everywhere, eager hands are stretched to touch the springs of wisdom. The eternal mysteries cover us like a veil. Philosophy is dumb when it faces the problems of human destiny. Science cannot penetrate the secret of a blade of grass. Yet it is the sure evidence of man's divine relationship that he can never rest in the presence of these obstinate questionings. "Let the oracles speak as they will,

there is always a listener waiting for some word or hope, some hint that shall help him solve the problem of his life. The mind feeds on disappointments. Failures point the way to success. All the ships that Arctic seas have crushed, are but beacon lights to him who sails for the pole. It seems like the refinement of cruelty that we should be doomed to a perpetual desire to know and a perpetual impossibility of knowing." Is life then only a repetition of the hopeless bondage of the ancient myth? Tantalus raising to his lips the water that forever mocks his feverish thirst? Prometheus chained to a rock, forever writhing under the eagle that tears and rends his vitals? No! of disappointment hope is born, and in this constant play of unsatisfied hope and longings lies our safety and our happiness.

And there is strength too in this continued striving for an ideal, even though one falls far short of what consciously or unconsciously, he longs for. Out of the first faint beams of the dawn comes the full radiance of the sun. Out of weakness, comes strength, and and from fierce endeavor and resolute will, comes victory at last. It was Michael Angelo who said "nothing makes the soul so pure, so religious, as the endeavor to create something perfect; for God is perfection, and whoever strives for it, strives for something that is God-like."

GENTLEMEN OF THE GRADUATING CLASS:—

Thirty years ago this month and I, too, was standing, just as you are now standing, impatient to be gone. It seems but a day since then, yet a day fraught with many incidents. It was one of those crises in the history of nations that test the strength of manhood, and the call to action was loudly ringing in our ears. Can you wonder that I am moved as I look down into your faces? for there rises up before me the whole scene in which I participated then. Again I am listening to the words of our sorely-stricken President as, with faltering voice, he blessed and bade us go forth and play the man. Again I see the eager faces and hear the voices of those long hushed in death. Again I grasp the hand and look into the eyes of those who fell asleep amid the uproar of the battle-field. God grant that when you return to your *Alma Mater* thirty years from now, you may come back with full ranks and undiminished numbers. And now before the last good-bye is spoken, let me wish for you success in all that is grand and noble in this life. In no way can I more fully express my feelings than in those beautiful words of divine writ, "We have wished you good luck." With hearts full of tenderness and love, we do most earnestly wish you good luck, not only in your basket and your store, and in every undertaking which makes for what is noble and true, but also that good luck at last, which through tribulation and patience and experience worketh that hope which maketh not ashamed.

THE PROBLEM OF STUDENT LIFE.

ADDRESS BEFORE THE Y. M. C. A. BY REV.
EDWARD ANDERSON.

St. James in his epistle asks, What is your life? and then he startles us by saying, Ye are a vapor that appeareth for a time and then vanishes away. Does he come into conflict with all teaching of the permanency of life? Does he mean the life which is the man that we see, or the man we do not see;—body or soul. We have seen bodily tissue dead. It was dead because the moving cause which we call life had left it. But this tissue is the medium of all impression on life. By it we get all that life is for, reality preserved in memory. Study, observation, experience are each essential to memory. Memory is mind, and passing scenes are but pictures photographed, with life and its play retained, on mind for its endless picture gallery. Why should the scene that has been before the eyes continue when it has been assimilated by mind? Why should not bodily tissue die when it has performed its mission for the mind?

No man has seen God at any time, no man has seen mind at any time, yet this mind which holds just such an unseen existence as does God, and is perceived through its effects, must show us what is the nature of its Creator. The soul that sinneth against God shall die. This is true mentally as well as morally. The soul absorbs purity or else impurity. We grow into life by the one, and into death by the other, for one strengthens and the other weakens. The mind is infinite; when pure it is God, when impure it is Satan.

All mind involves memory; we are continually making mental pictures, pure or impure, which reach up to God or down to Satan. Eternity is necessary for our learning of science; so also for the soul to learn the infinity of love. We learn of God by studying Jesus, the perfected human mind united to perfect love, so far as we are capable of seeing it. But such culture rests with us. God does his part. If we fail it is by our own neglect.

Your student life is fitting you for making pictures;—for reproducing them to help others. They may be open for all, or pent up. There is open for each a great ideal which God means we shall set free. The object of student life is to develop a mind. We are slowly gathering the wealth of mind and

soul little by little. We are preparing to meet our God, not when we die, but to-day. How many a young man is risking his wealth of mind. This mind is all we have. Do not trifle with it. Make the most of it.

COMMUNICATION.

MESSRS. EDITORS:—Will you kindly allow me a short space in AGGIE LIFE to express my thanks and appreciation to the members of the baseball nine for the hearty support and coöperation which they have rendered? Such faithful and conscientious practice is sure to lead to a higher standard of baseball playing in the near future. Although we have had difficulties in arranging games, yet our Manager has worked faithfully for the best interests of the association.

H. E. CRANE, *Captain.*

Thirty-five colleges have responded to an invitation to meet and form an American Intercollegiate Republican Club.

Harvard employs 253 instructors, Univ. of Pennsylvania 232, Columbia 220, Yale 153, Michigan 145.—*Brown Herald.*

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FLINT PRIZE SPEAKING.*Monday, June 20, at 3-30 P. M.*LUTHER WILLIAM SMITH,
*University Extension.*GEORGE FREDERICK CURLEY,
*The Gladiatorial Combat and its Fall.*FRANKLIN SHERMAN HOYT,
*The Nation's Debt to the Veteran.*FRANK HOWARD HENDERSON,
*Labor Organizations.*JOHN RICHARDS PERRY,
*A Plea for the Indian.*EDWIN CARLETON HOWARD,
*American Oratory.***FOWLER PRIZE SPEAKING.***Monday, June 20, at 8 P. M.***FRESHMEN.**DANIEL C. POTTER,
The Scholar and the State,*Potter*ROBERT A. COOLEY,
General U. S. Grant,*Depeu*FRANK L. WARREN,
Burial March of Dundee,*Aytoun*THOMAS P. FOLEY,
Reply to Corry,*Grattan***SOPHOMORES.**ARCHIE H. KIRKLAND,
Lasca,*Desprez*ARTHUR C. CURTIS,
Plea for the old South Church, Boston,*Phillips*CHARLES L. BROWN,
The Confederate Sergeant,*Miller*GEORGE H. MERWIN,
Reply to Long,*Garfield*

Iowa Wesleyan Association offers the privilege of naming the proposed building to the first donor of \$5000, one-third the required amount.

A meeting will be held at Chicago sometime next May, by representatives of college fraternities to perfect plans for a collective exhibit at the World's Fair.

The Princeton Faculty have decided that no special student shall be allowed to play on the University teams until he has been in college at least two terms.

It is probable that Columbia College and the Univ. of New York will be consolidated and thus end the long rivalry which has existed between them.—*Ex.*

A. X. PETIT.

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SENIOR SPEAKING.
 Wednesday, June 22, at 10-30 A. M.

- FRANCIS GRANGER STOCKBRIDGE,
Eastern and Western Farming.
 ROBERT HYDE SMITH,
A Duty of the Hour.
 HENRY MARTIN THOMSON,
The Science of Agriculture.
 FRANK HERBERT PLUMB,
Grasses and their Adaptations.
 JUDSON LEON FIELD,
A Word for the Russian Jew.
 HENRY BENNETT EMERSON,
Agricultural Education.
 EDWARD THORNTON CLARK,
The Problem of To-day.
 GEORGE EVERETT TAYLOR,
The Education of the Future.

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Fire Marshal,	-	-	-	H. J. Harlow.
Captain Co. A,	-	-	-	A. E. Melendy.
Captain Co. B,	-	-	-	G. F. Curley.
Captain Co. C,	-	-	-	H. D. Clark.
1st Lieutenant Co. A,	-	-	-	C. A. Goodrich.
1st Lieutenant Co B,	-	-	-	F. A. Smith.
1st Lieutenant Co. C,	-	-	-	L. W. Smith.
2nd Lieutenant Co. A,	-	-	-	F. G. Bartlett.
2nd Lieutenant Co. B,	-	-	-	E. A. Hawkes.
2nd Lieutenant Co. C,	-	-	-	E. J. Walker.

Alumni Notes.

Mr. E. R. Flint, '87, who for the past two years has been studying at Göttingen, took his examinations on Wednesday June 1st and received the degree of Ph. D. As before stated in the LIFE, after studying several weeks in Paris, he will return to the United States early in August. Dr. Flint is to be congratulated on his success.

Prof. S. T. Maynard, '71, and Miss Amy Barnes of Northboro were married at the bride's home last Thursday.

The Class of '71 will hold a class reunion at the Amherst House, Tuesday, June 21st, to celebrate their 21st anniversary.

Dr. Frank H. Zabriskie, '80, and Miss Fanny Deane of Greenfield were married last Thursday.

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